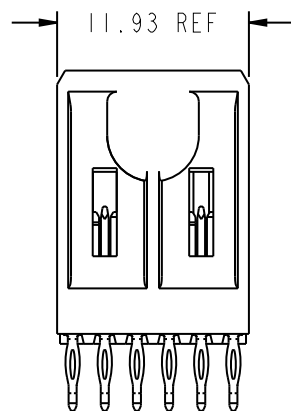
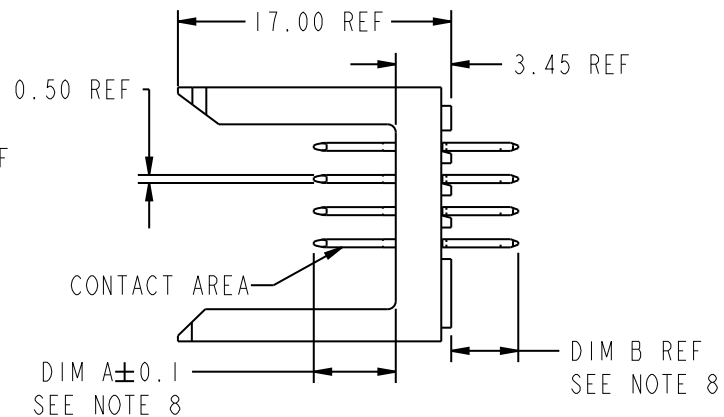
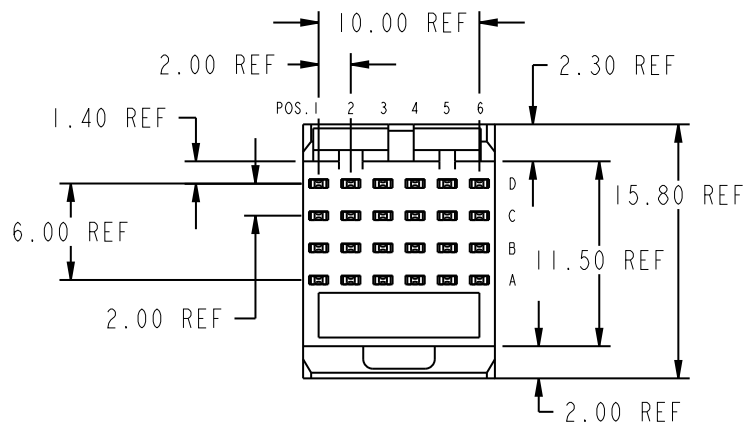


| PRODUCT NUMBER |
|----------------|
| 70218-XYX      |
| 70218-XYXLF    |



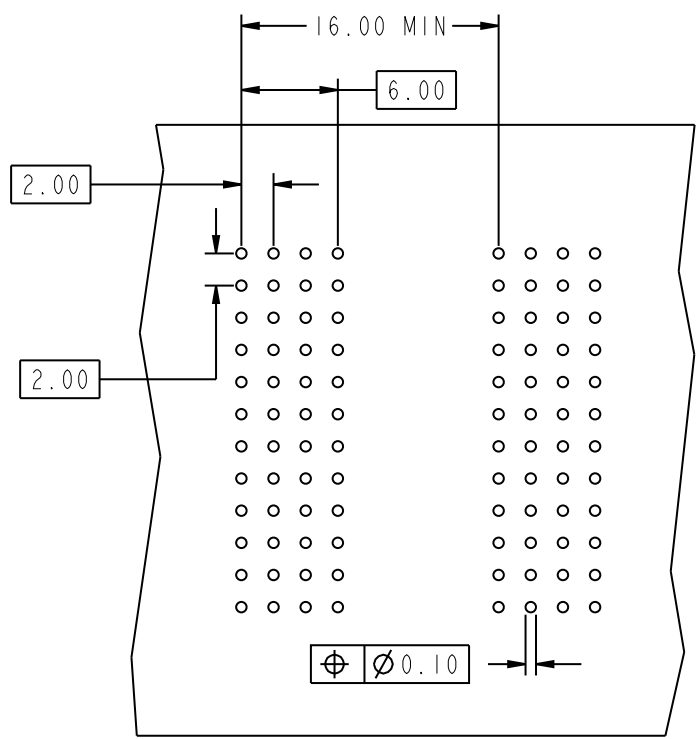
| PLATING IN CONTACT AREA |                                   |             |
|-------------------------|-----------------------------------|-------------|
| DASH NUMBER             | PERFORMANCE LEVEL                 | NOTES       |
| -AYX                    | TELCORDIA CO                      | SEE NOTE 9  |
| -NIXX                   | TELCORDIA CO (NXT)                | -           |
| -N5XX                   | TELCORDIA UE (NXT)                | -           |
| -IXX                    | TELCORDIA CO                      | -           |
| -2XX                    | TELECOM CLASS                     | -           |
| -3XX                    | IEC CLASS I                       | -           |
| -5XX                    | TELCORDIA UE                      | -           |
| -AYXLF                  | TELCORDIA CO                      | SEE NOTE 10 |
| -NIXXLF                 | TELCORDIA CO (NXT)<br>IEC CLASS I | SEE NOTE 10 |
| -N5XXLF                 | TELCORDIA UE (NXT)                | SEE NOTE 10 |
| -IXXLF                  | TELCORDIA CO<br>IEC CLASS I       | SEE NOTE 10 |
| -2XXLF                  | TELECOM CLASS                     | SEE NOTE 10 |
| -5XXLF                  | TELCORDIA UE                      | SEE NOTE 10 |

| rev | ecn no    | dr   | date       |
|-----|-----------|------|------------|
| BR  | Y06-0498  | DCH  | 2006-05-31 |
| BS  | DG08-0246 | CENH | 2008-9-12  |
| BT  | DG08-0188 | TER  | 2008-11-25 |
| BU  | DG08-0346 | CENH | 2008-12-12 |
| BV  | DG09-0256 | TER  | 2009-08-19 |
| BW  | DG09-0366 | TER  | 2009-11-24 |
| BX  | DG11-0020 | TER  | 2011-01-13 |

|                    |            |          |                                       |                  |            |              |
|--------------------|------------|----------|---------------------------------------|------------------|------------|--------------|
| www.fciconnect.com |            |          | surface3.200                          | tolerance std    | projection | mm           |
|                    |            |          | ISO 1302                              | ISO 406 ISO 1101 |            |              |
|                    |            |          | TOLERANCES UNLESS OTHERWISE SPECIFIED |                  |            |              |
| Dr                 | T.BRUNGARD | 01/24/00 | ANGULAR                               | 0.X              | $\pm 0.3$  | A4           |
| Eng                | M.STRAWSER | 01/24/00 |                                       | 0.XX             | $\pm 0.13$ |              |
| Chr                | M.STRAWSER | 01/24/00 | 0° $\pm 2^\circ$                      | 0.XXX            | $\pm .051$ | ECN          |
| Appr               | M.STRAWSER | 02/29/00 | Product family                        |                  | METRAL     | Spec ref     |
|                    |            |          |                                       |                  |            | *            |
|                    |            |          | title                                 |                  | dwg no     | Rev.         |
|                    |            |          | METRAL SIGNAL HEADER                  |                  | 70218      | BX           |
|                    |            |          | I MOD, 4 ROW PRESS-FIT                |                  |            |              |
|                    |            |          | catalog no                            |                  | CUSTOMER   | sheet 1 of 7 |



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| KEY  |              |              |
|------|--------------|--------------|
| CODE | DIMENSIONS   |              |
|      | DIM "A" MATE | DIM "B" TAIL |
| 1    | 5.00         | 4.30         |
| 2    | 5.75         | 4.30         |
| 3    | 6.50         | 4.30         |
| 4    | 7.25         | 4.30         |
| 5    | 5.00         | 13.60        |
| 6    | 5.75         | 13.60        |
| 7    | 6.50         | 13.60        |
| 8    | 7.25         | 13.60        |
| 9    | 5.00         | 17.00        |
| 11   | 6.50         | 17.00        |
| 12   | 7.25         | 17.00        |
| 13   | 8.25         | 4.30         |
| 14   | 8.25         | 13.60        |
| 19   | 8.00         | 4.30         |
| 20   | 8.00         | 13.60        |
| 21   | 8.00         | 17.00        |

REQUIRED PC BOARD LAYOUT  
COMPONENT SIDE

SEE PRINT 58351 FOR  
ADDITIONAL PCB INFORMATION

|                                                                                       |            |          |                                       |                |                                   |  |                                                                                                     |                  |                                                                                             |   |            |
|---------------------------------------------------------------------------------------|------------|----------|---------------------------------------|----------------|-----------------------------------|--|-----------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------|---|------------|
| www.fciconnect.com                                                                    |            |          | surface3.200<br>ISO 1302              |                | tolerance std<br>ISO 406 ISO 1101 |  | projection<br> |                  | mm<br> |   |            |
|                                                                                       |            |          | TOLERANCES UNLESS OTHERWISE SPECIFIED |                |                                   |  |                                                                                                     |                  |                                                                                             |   |            |
| Dr                                                                                    | T.BRUNGARD | 01/24/00 | ANGULAR                               | LINEAR         | 0.X<br>±0.3                       |  | size<br>A4                                                                                          | Scale<br>213:100 |                                                                                             |   |            |
| Eng                                                                                   | M.STRAWSER | 01/24/00 |                                       |                | 0.XX<br>±0.13                     |  |                                                                                                     |                  |                                                                                             |   |            |
| Chr                                                                                   | M.STRAWSER | 01/24/00 |                                       |                | 0.XXX<br>±.051                    |  |                                                                                                     |                  |                                                                                             |   |            |
| Appr                                                                                  | M.STRAWSER | 02/29/00 | 0°<br>±2°                             | Product family |                                   |  | METRAL                                                                                              | ECN              |                                                                                             | * |            |
|                                                                                       |            |          | Spec ref                              |                |                                   |  | *                                                                                                   |                  |                                                                                             |   |            |
|  |            |          | title                                 |                |                                   |  | METRAL SIGNAL HEADER                                                                                |                  | no                                                                                          |   | Rev.<br>BX |
|                                                                                       |            |          | 1 MOD, 4 ROW PRESS-FIT                |                |                                   |  | dwg no                                                                                              |                  | 70218                                                                                       |   |            |
|                                                                                       |            |          | catalog no                            |                |                                   |  | -                                                                                                   |                  | CUSTOMER                                                                                    |   |            |
|                                                                                       |            |          |                                       |                |                                   |  |                                                                                                     |                  | sheet 2 of 7                                                                                |   |            |



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| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|-------------------------------------------------|-----|------------------------|----|----|----|----|----|
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X01<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 19                     | 19 | -  | 3  | -  | 1  |
|                                                 | C   | 19                     | 19 | -  | 3  | -  | -  |
|                                                 | B   | 19                     | 19 | -  | 3  | -  | 1  |
|                                                 | A   | 19                     | 19 | -  | 3  | -  | 1  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X02<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2  | 2  | 2  | 2  | 3  |
|                                                 | C   | 2                      | 2  | 2  | 2  | 2  | 3  |
|                                                 | B   | 2                      | 2  | 2  | 2  | 2  | 3  |
|                                                 | A   | 2                      | 2  | 2  | 2  | 2  | 3  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X03<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 3  | 3  | 3  | 3  | 3  |
|                                                 | C   | 3                      | 3  | 3  | 3  | 3  | 3  |
|                                                 | B   | 3                      | 3  | 4  | 4  | 3  | 3  |
|                                                 | A   | 3                      | 3  | 3  | 3  | 3  | 3  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X04<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 3  | 3  | 3  | 3  | 3  |
|                                                 | C   | 3                      | 3  | 4  | 4  | 3  | 3  |
|                                                 | B   | 3                      | 3  | 3  | 3  | 3  | 3  |
|                                                 | A   | 3                      | 3  | 3  | 3  | 3  | 3  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X05<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 3  | 3  | 3  | 3  | 3  |
|                                                 | C   | 3                      | 3  | 4  | 4  | 3  | 3  |
|                                                 | B   | 4                      | 3  | 3  | 3  | 3  | 3  |
|                                                 | A   | 4                      | 3  | 3  | 3  | 3  | 3  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X06<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 3  | 3  | 3  | 3  | 3  |
|                                                 | C   | 3                      | 3  | 3  | 3  | 3  | 3  |
|                                                 | B   | 4                      | 3  | 4  | 4  | 3  | 3  |
|                                                 | A   | 4                      | 3  | 3  | 3  | 3  | 3  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X07<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 19                     | 3  | 3  | 3  | 2  | 1  |
|                                                 | C   | 19                     | 3  | 3  | 3  | 2  | 1  |
|                                                 | B   | 19                     | 3  | 3  | 3  | 2  | 1  |
|                                                 | A   | 19                     | 3  | 3  | 3  | 2  | 1  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X08<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 19                     | 3  | 3  | 3  | 3  | 3  |
|                                                 | C   | 19                     | 3  | 3  | 3  | 3  | 3  |
|                                                 | B   | 19                     | 3  | 3  | 3  | 3  | 3  |
|                                                 | A   | 19                     | 3  | 3  | 3  | 3  | 3  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X09<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 3  | 19 | 4  | 3  | 3  |
|                                                 | C   | 3                      | 3  | 19 | 4  | 3  | 3  |
|                                                 | B   | 3                      | 3  | 19 | 4  | 3  | 3  |
|                                                 | A   | 3                      | 3  | 19 | 4  | 3  | 3  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X10<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 19                     | 19 | -  | 3  | -  | 1  |
|                                                 | C   | 19                     | 19 | -  | 3  | -  | 1  |
|                                                 | B   | 19                     | 19 | -  | 3  | -  | 1  |
|                                                 | A   | 19                     | 19 | -  | 3  | -  | 1  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X11<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | -  | -  | -  | 1  | -  |
|                                                 | C   | 1                      | -  | -  | -  | 1  | -  |
|                                                 | B   | 1                      | -  | -  | -  | 1  | -  |
|                                                 | A   | 1                      | -  | -  | -  | 1  | -  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X12<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 13                     | 13 | 13 | 13 | -  | -  |
|                                                 | C   | 13                     | 13 | 13 | -  | -  | -  |
|                                                 | B   | 13                     | 13 | 13 | -  | -  | 13 |
|                                                 | A   | 13                     | 13 | 13 | -  | -  | 13 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X13<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 14                     | 14 | 14 | 14 | -  | -  |
|                                                 | C   | 14                     | 14 | 14 | -  | -  | -  |
|                                                 | B   | 14                     | 14 | 14 | -  | -  | 14 |
|                                                 | A   | 14                     | 14 | 14 | -  | -  | 14 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X14<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 19                     | 19 | 19 | 19 | -  | -  |
|                                                 | C   | 19                     | 19 | 19 | -  | -  | -  |
|                                                 | B   | 19                     | 19 | 19 | -  | -  | 19 |
|                                                 | A   | 19                     | 19 | 19 | -  | -  | 19 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X15<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 20                     | 20 | 20 | 20 | -  | -  |
|                                                 | C   | 20                     | 20 | 20 | -  | -  | -  |
|                                                 | B   | 20                     | 20 | 20 | -  | -  | 20 |
|                                                 | A   | 20                     | 20 | 20 | -  | -  | 20 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X16<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | -  | -  | -  | 2  | -  |
|                                                 | C   | 2                      | -  | -  | -  | 2  | -  |
|                                                 | B   | 2                      | -  | -  | -  | 2  | -  |
|                                                 | A   | 2                      | -  | -  | -  | 2  | -  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X17<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 1  | 1  | 3  | 3  | 3  |
|                                                 | C   | 13                     | 13 | 13 | 13 | 13 | 13 |
|                                                 | B   | 13                     | 13 | 13 | 13 | 13 | 13 |
|                                                 | A   | 13                     | 13 | 13 | 13 | 13 | 13 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X18<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2  | 2  | 2  | 2  | 2  |
|                                                 | C   | 2                      | 2  | 2  | 2  | 2  | 2  |
|                                                 | B   | 2                      | 2  | 1  | 2  | 2  | 2  |
|                                                 | A   | 2                      | 2  | 2  | 2  | 2  | 2  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X19<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 3  | 3  | 3  | 3  | 3  |
|                                                 | C   | 3                      | 3  | 3  | 3  | 3  | 3  |
|                                                 | B   | 3                      | 3  | 1  | 3  | 3  | 3  |
|                                                 | A   | 3                      | 3  | 3  | 3  | 3  | 3  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X20<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 4                      | 4  | 19 | 19 | 19 | 19 |
|                                                 | C   | 4                      | 4  | 19 | 19 | 19 | 19 |
|                                                 | B   | 4                      | 4  | 19 | 19 | 19 | 19 |
|                                                 | A   | 4                      | 4  | 19 | 19 | 19 | 19 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X21<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 4  | 4  | 4  | 4  | 19 |
|                                                 | C   | 1                      | 4  | 4  | 4  | 4  | 19 |
|                                                 | B   | 3                      | 4  | 4  | 4  | 4  | 19 |
|                                                 | A   | 3                      | 4  | 4  | 4  | 4  | 19 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X22<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 4                      | 4  | 4  | 4  | 2  | 2  |
|                                                 | C   | 4                      | 4  | 4  | 4  | 2  | 2  |
|                                                 | B   | 4                      | 4  | 4  | 4  | 2  | 2  |
|                                                 | A   | 4                      | 4  | 4  | 4  | 2  | 2  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X23<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2  | 4  | 4  | 4  | 4  |
|                                                 | C   | 2                      | 2  | 4  | 4  | 4  | 4  |
|                                                 | B   | 2                      | 2  | 4  | 4  | 4  | 4  |
|                                                 | A   | 2                      | 2  | 4  | 4  | 4  | 4  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X24<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 1  | 2  | 2  | 1  | 1  |
|                                                 | C   | 1                      | 1  | 2  | 1  | 1  | 1  |
|                                                 | B   | 1                      | 1  | 2  | 1  | 1  | 1  |
|                                                 | A   | 1                      | 1  | 2  | 1  | 1  | 1  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X25<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | -  | 2  | 2  | -  | -  |
|                                                 | C   | 2                      | -  | -  | -  | -  | -  |
|                                                 | B   | -                      | -  | -  | -  | 2  | -  |
|                                                 | A   | 2                      | 2  | -  | -  | 2  | -  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X26<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2  | 2  | 2  | 2  | 2  |
|                                                 | C   | 2                      | 2  | 2  | 2  | 2  | 2  |
|                                                 | B   | 2                      | 2  | 2  | 2  | 2  | 1  |
|                                                 | A   | 2                      | 2  | 2  | 2  | 2  | 2  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X27<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 12                     | 12 | 21 | 21 | 21 | 21 |
|                                                 | C   | 12                     | 12 | 21 | 21 | 21 | 21 |
|                                                 | B   | 12                     | 12 | 21 | 21 | 21 | 21 |
|                                                 | A   | 12                     | 12 | 21 | 21 | 21 | 21 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X28<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 9                      | 12 | 12 | 12 | 12 | 21 |
|                                                 | C   | 9                      | 12 | 12 | 12 | 12 | 21 |
|                                                 | B   | 11                     | 12 | 12 | 12 | 12 | 21 |
|                                                 | A   | 11                     | 12 | 12 | 12 | 12 | 21 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X29<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 2  | 2  | 2  | 2  | 1  |
|                                                 | C   | 2                      | 2  | 2  | 2  | 2  | 2  |
|                                                 | B   | 2                      | 2  | 2  | 2  | 2  | 2  |
|                                                 | A   | 2                      | 2  | 2  | 2  | 2  | 2  |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                 |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 70218-X30<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | -                      | -  | -  | -  | -  | -  |
|                                                 | C   | 1                      | 1  | 1  | 1  | 1  | 3  |
|                                                 | B   | 1                      | 1  | 1  | 1  | 1  | 3  |
|                                                 | A   | 1                      | 1  | 1  | 1  | 1  | 3  |

|                    |            |          |                                       |                  |            |    |
|--------------------|------------|----------|---------------------------------------|------------------|------------|----|
| www.fciconnect.com |            |          | surface3.200                          | tolerance std    | projection | mm |
|                    |            |          | ISO 1302                              | ISO 406 ISO 1101 |            |    |
|                    |            |          | TOLERANCES UNLESS OTHERWISE SPECIFIED |                  |            |    |
| Dr                 | T.BRUNGARD | 01/24/00 | ANGULAR                               |                  |            |    |



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|   | METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|---|-------------------------------------------------|-----|------------------------|----|----|----|----|----|
|   |                                                 |     | I                      | 2  | 3  | 4  | 5  | 6  |
| A | 70218-X31<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 4                      | 4  | 3  | 3  | 3  | 3  |
|   |                                                 | C   | 4                      | 4  | 3  | 3  | 3  | 3  |
|   |                                                 | B   | 4                      | 4  | 3  | 3  | 3  | 3  |
|   |                                                 | A   | 4                      | 4  | 3  | 3  | 3  | 3  |
|   | 70218-X32<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 3  | 3  | 3  | 4  | 4  |
|   |                                                 | C   | 3                      | 3  | 3  | 3  | 4  | 4  |
|   |                                                 | B   | 3                      | 3  | 3  | 3  | 4  | 4  |
|   |                                                 | A   | 3                      | 3  | 3  | 3  | 4  | 4  |
| B | 70218-X33<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 19                     | 19 | 19 | 19 | 4  | 4  |
|   |                                                 | C   | 19                     | 19 | 19 | 19 | 4  | 4  |
|   |                                                 | B   | 19                     | 19 | 19 | 19 | 4  | 4  |
|   |                                                 | A   | 19                     | 19 | 19 | 19 | 4  | 4  |
|   | 70218-X34<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 7                      | 5  | 5  | 5  | 5  | 7  |
|   |                                                 | C   | 7                      | 5  | 5  | 5  | 5  | 7  |
|   |                                                 | B   | 7                      | 5  | 5  | 5  | 5  | 7  |
|   |                                                 | A   | 7                      | 5  | 5  | 5  | 5  | 7  |
| C | 70218-X35<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 5                      | 7  | 5  | 5  | 5  | 5  |
|   |                                                 | C   | 5                      | 7  | 5  | 5  | 5  | 5  |
|   |                                                 | B   | 5                      | 5  | 5  | 5  | 5  | 5  |
|   |                                                 | A   | 5                      | 5  | 5  | 5  | 5  | 5  |
|   | 70218-X36<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 5                      | 5  | 7  | 5  | 5  | 5  |
|   |                                                 | C   | 5                      | 5  | 7  | 5  | 5  | 5  |
|   |                                                 | B   | 5                      | 5  | 5  | 5  | 5  | 7  |
|   |                                                 | A   | 5                      | 5  | 5  | 5  | 5  | 7  |
|   | 70218-X37<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 5                      | 5  | 5  | 5  | 5  | 7  |
|   |                                                 | C   | 5                      | 5  | 7  | 5  | 5  | 7  |
|   |                                                 | B   | 5                      | 5  | 5  | 5  | 5  | 7  |
|   |                                                 | A   | 5                      | 5  | 5  | 5  | 5  | 7  |
|   | 70218-X38<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 19                     | 19 | 19 | -  | -  | -  |
|   |                                                 | C   | 19                     | 19 | 19 | -  | -  | -  |
|   |                                                 | B   | 19                     | 19 | 19 | -  | -  | 19 |
|   |                                                 | A   | 19                     | 19 | 19 | -  | -  | 19 |
|   | 70218-X39<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | -                      | 3  | -  | 3  | -  | 3  |
|   |                                                 | C   | 2                      | -  | 2  | -  | 2  | -  |
|   |                                                 | B   | -                      | 2  | -  | 2  | -  | 2  |
|   |                                                 | A   | 3                      | -  | 3  | -  | 3  | -  |
|   | 70218-X40<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 2  | 2  | 2  | 2  | 2  |
|   |                                                 | C   | 3                      | 2  | 2  | 2  | 2  | 2  |
|   |                                                 | B   | 3                      | 2  | 2  | 2  | 2  | 2  |
|   |                                                 | A   | 3                      | 2  | 2  | 2  | 2  | 2  |
|   | 70218-X41<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 7                      | 6  | 6  | 6  | 6  | 6  |
|   |                                                 | C   | 7                      | 6  | 6  | 6  | 6  | 6  |
|   |                                                 | B   | 7                      | 6  | 6  | 6  | 6  | 6  |
|   |                                                 | A   | 7                      | 6  | 6  | 6  | 6  | 6  |
|   | 70218-X42<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 3  | 3  | 3  | 3  | 4  |
|   |                                                 | C   | 3                      | 3  | 3  | 3  | 3  | 3  |
|   |                                                 | B   | 3                      | 3  | 3  | 3  | 3  | 3  |
|   |                                                 | A   | 3                      | 3  | 3  | 3  | 3  | 3  |
|   | 70218-X43<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 6                      | 6  | 6  | 6  | 6  | 8  |
|   |                                                 | C   | 6                      | 6  | 6  | 6  | 6  | 6  |
|   |                                                 | B   | 6                      | 6  | 6  | 6  | 6  | 6  |
|   |                                                 | A   | 6                      | 6  | 7  | 7  | 6  | 6  |
|   | 70218-X44<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | -                      | 2  | -  | 2  | -  | 2  |
|   |                                                 | C   | 2                      | -  | 2  | -  | 2  | -  |
|   |                                                 | B   | -                      | 2  | -  | 2  | -  | 2  |
|   |                                                 | A   | 2                      | -  | 2  | -  | 2  | -  |
|   | 70218-X45<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | -                      | 1  | -  | 1  | -  | -  |
|   |                                                 | C   | 1                      | -  | -  | 1  | -  | -  |
|   |                                                 | B   | -                      | 1  | -  | 1  | -  | 1  |
|   |                                                 | A   | 1                      | -  | -  | 1  | -  | 1  |
|   | 70218-X46<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 1  | 1  | 1  | 1  | 1  |
|   |                                                 | C   | 2                      | 2  | 2  | 2  | 2  | 2  |
|   |                                                 | B   | 2                      | 2  | 3  | 3  | 2  | 4  |
|   |                                                 | A   | 3                      | 3  | 3  | 3  | 3  | 3  |
|   | 70218-X47<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 6                      | 6  | 6  | 6  | 8  | 6  |
|   |                                                 | C   | 6                      | 6  | 6  | 6  | 6  | 6  |
|   |                                                 | B   | 6                      | 6  | 6  | 6  | 6  | 6  |
|   |                                                 | A   | 6                      | 6  | 7  | 7  | 6  | 6  |
|   | 70218-X48<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 1  | 1  | 1  | 1  | 1  |
|   |                                                 | C   | 3                      | 4  | 1  | 1  | 1  | 1  |
|   |                                                 | B   | 1                      | 4  | 3  | 3  | 1  | 1  |
|   |                                                 | A   | 1                      | 1  | 1  | 1  | 1  | 1  |
|   | 70218-X49<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 3  | 3  | 3  | 3  | 3  |
|   |                                                 | C   | 3                      | 3  | 3  | 3  | 3  | 3  |
|   |                                                 | B   | 4                      | 3  | 3  | 3  | 3  | 3  |
|   |                                                 | A   | 4                      | 3  | 3  | 3  | 3  | 3  |
|   | 70218-X50<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2  | 2  | 2  | 2  | 2  |
|   |                                                 | C   | 2                      | 2  | 2  | 2  | 2  | 2  |
|   |                                                 | B   | 2                      | 2  | 2  | 2  | 2  | 4  |
|   |                                                 | A   | 2                      | 2  | 2  | 2  | 2  | 4  |
|   | 70218-X51<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 3  | 3  | 3  | 3  | 3  |
|   |                                                 | C   | 3                      | 3  | 3  | 3  | 3  | 3  |
|   |                                                 | B   | 3                      | 3  | 3  | 3  | 3  | 3  |
|   |                                                 | A   | 3                      | 3  | 4  | 4  | 3  | 3  |
|   | 70218-X52<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 1  | 2  | 2  | 2  | 2  |
|   |                                                 | C   | 3                      | 1  | 2  | 2  | 2  | 2  |
|   |                                                 | B   | 3                      | 1  | 2  | 2  | 2  | 2  |
|   |                                                 | A   | 3                      | 1  | 2  | 2  | 2  | 2  |
|   | 70218-X53<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 3  | 2  | 2  | 2  | 2  |
|   |                                                 | C   | 3                      | 3  | 2  | 2  | 2  | 2  |
|   |                                                 | B   | 3                      | 3  | 2  | 2  | 2  | 2  |
|   |                                                 | A   | 3                      | 3  | 2  | 2  | 2  | 2  |
|   | 70218-X54<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | -  | 2  | -  | 2  | -  |
|   |                                                 | C   | -                      | 2  | -  | 2  | -  | 2  |
|   |                                                 | B   | 2                      | -  | 2  | -  | 2  | -  |
|   |                                                 | A   | -                      | 2  | -  | 2  | -  | 2  |
|   | 70218-X55<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2  | 2  | 19 | 19 | 19 |
|   |                                                 | C   | 2                      | 2  | 2  | 19 | 19 | 19 |
|   |                                                 | B   | 2                      | 2  | 2  | 19 | 19 | 19 |
|   |                                                 | A   | 2                      | 2  | 2  | 19 | 19 | 19 |
|   | 70218-X56<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 9                      | 9  | 9  | 9  | 9  | 9  |
|   |                                                 | C   | 9                      | 9  | 9  | 9  | 9  | 9  |
|   |                                                 | B   | 9                      | 9  | 9  | 9  | 9  | 21 |
|   |                                                 | A   | 9                      | 9  | 9  | 9  | 9  | 21 |
|   | 70218-X57<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 1  | 1  | 1  | 1  | 1  |
|   |                                                 | C   | 1                      | 1  | 1  | 1  | 1  | 1  |
|   |                                                 | B   | 1                      | 1  | 1  | 1  | 1  | 19 |
|   |                                                 | A   | 1                      | 1  | 1  | 1  | 1  | 19 |
|   | 70218-X58<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | -  | 2  | -  | 2  | -  |
|   |                                                 | C   | -                      | 19 | -  | 2  | -  | 19 |
|   |                                                 | B   | 2                      | -  | 19 | -  | 19 | -  |
|   |                                                 | A   | -                      | 2  | -  | 2  | -  | 19 |
|   | 70218-X59<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 1  | 1  | 1  | 1  | 4  |
|   |                                                 | C   | 1                      | 1  | 1  | 4  | 1  | 1  |
|   |                                                 | B   | 1                      | 4  | 1  | 1  | 1  | 1  |
|   |                                                 | A   | 1                      | 1  | 1  | 1  | 1  | 4  |
|   | 70218-X60<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 1  | 1  | 3  | 1  | 1  |
|   |                                                 | C   | 1                      | 1  | 1  | 3  | 1  | 1  |
|   |                                                 | B   | 3                      | 3  | 1  | 3  | 1  | 1  |
|   |                                                 | A   | 4                      | 4  | 4  | 4  | 4  | 4  |

|                    |            |          |                                       |                  |              |             |
|--------------------|------------|----------|---------------------------------------|------------------|--------------|-------------|
| www.fciconnect.com |            |          | surface3.200                          | tolerance std    | projection   | mm          |
|                    |            |          | ISO 1302                              | ISO 406 ISO 1101 |              |             |
|                    |            |          | TOLERANCES UNLESS OTHERWISE SPECIFIED |                  |              |             |
| Dr                 | T.BRUNGARD | 01/24/00 | ANGULAR                               | 0.X              | ±0.3         | size A4     |
| Eng                | M.STRAWSER | 01/24/00 | LINEAR                                | 0.XX             | ±0.13        | Scale 53:50 |
| Chr                | M.STRAWSER | 01/24/00 | 0° ±2°                                | 0.XXX            | ±.051        | ECN *       |
| Appr               | M.STRAWSER | 02/29/00 | Product family                        | METRAL           | Spec ref     | *           |
| FCI                |            |          | title METRAL SIGNAL HEADER            |                  | dwg no 70218 |             |
|                    |            |          | 1 MOD, 4 ROW PRESS-FIT                |                  | Rev. BX      |             |
|                    |            |          | catalog no -                          |                  | CUSTOMER     |             |
|                    |            |          |                                       |                  | sheet 4 of 7 |             |



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| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|-------------------------------------------------|-----|------------------------|---|---|----|----|---|
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X61<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 3 | 3 | 19 | 3  | 3 |
|                                                 | C   | 3                      | 3 | 3 | 2  | 19 | 2 |
|                                                 | B   | 3                      | 3 | 3 | 19 | 3  | 3 |
|                                                 | A   | 3                      | 3 | 1 | 19 | 1  | 3 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X62<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 19                     | 2 | 3 | 2  | 3  | 3 |
|                                                 | C   | 19                     | 3 | 3 | 3  | 3  | 3 |
|                                                 | B   | 19                     | 3 | 3 | 3  | 3  | 3 |
|                                                 | A   | 19                     | 3 | 1 | 3  | 3  | 3 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X63<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 1 | - | 1  | 1  | - |
|                                                 | C   | -                      | - | - | -  | -  | - |
|                                                 | B   | -                      | - | - | -  | -  | - |
|                                                 | A   | 1                      | 1 | - | 1  | 1  | - |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X64<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 7                      | 5 | 5 | 6  | 6  | 7 |
|                                                 | C   | 7                      | 5 | 5 | 6  | 6  | 7 |
|                                                 | B   | 7                      | 5 | 5 | 6  | 6  | 7 |
|                                                 | A   | 7                      | 5 | 5 | 6  | 6  | 7 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X65<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 1 | 1 | 2  | 2  | 3 |
|                                                 | C   | 3                      | 1 | 1 | 2  | 2  | 3 |
|                                                 | B   | 3                      | 1 | 1 | 2  | 2  | 3 |
|                                                 | A   | 3                      | 1 | 1 | 2  | 2  | 3 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X66<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 7                      | 6 | 6 | 6  | 6  | 7 |
|                                                 | C   | 7                      | 6 | 6 | 6  | 6  | 7 |
|                                                 | B   | 7                      | 6 | 6 | 6  | 6  | 7 |
|                                                 | A   | 7                      | 6 | 6 | 6  | 6  | 7 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X67<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 7                      | 5 | 5 | 5  | 5  | 5 |
|                                                 | C   | 7                      | 5 | 5 | 5  | 5  | 5 |
|                                                 | B   | 7                      | 5 | 5 | 5  | 5  | 5 |
|                                                 | A   | 7                      | 5 | 5 | 5  | 5  | 5 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X68<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 1 | 1 | 3  | 1  | 1 |
|                                                 | C   | 1                      | 1 | 1 | 3  | 1  | 1 |
|                                                 | B   | 1                      | 1 | 1 | 3  | 1  | 1 |
|                                                 | A   | 1                      | 1 | 1 | 3  | 1  | 1 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X69<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 1 | 1 | 3  | 1  | 1 |
|                                                 | C   | 3                      | 1 | 1 | 3  | 1  | 1 |
|                                                 | B   | 3                      | 1 | 1 | 3  | 1  | 1 |
|                                                 | A   | 3                      | 1 | 1 | 3  | 1  | 1 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X70<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 3 | 3 | 3  | 3  | 3 |
|                                                 | C   | 3                      | 3 | 3 | 3  | 3  | 3 |
|                                                 | B   | 3                      | 3 | 3 | 3  | 3  | 3 |
|                                                 | A   | -                      | - | - | -  | -  | 3 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X71<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | -                      | 3 | 4 | 3  | -  | 3 |
|                                                 | C   | -                      | 3 | 4 | 3  | -  | - |
|                                                 | B   | -                      | - | 4 | -  | 3  | 3 |
|                                                 | A   | 3                      | - | 4 | -  | 3  | 3 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X72<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 4                      | 2 | 3 | 3  | 3  | 3 |
|                                                 | C   | 4                      | 3 | 3 | 3  | 3  | 3 |
|                                                 | B   | 4                      | 3 | 3 | 3  | 3  | 3 |
|                                                 | A   | 4                      | 3 | 1 | 3  | 3  | 3 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X73<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | -                      | 2 | - | 2  | -  | 2 |
|                                                 | C   | 2                      | - | 2 | -  | 2  | - |
|                                                 | B   | -                      | 2 | - | 2  | -  | 2 |
|                                                 | A   | 2                      | - | 2 | -  | 2  | - |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X74<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 4                      | 3 | 3 | 3  | 3  | 3 |
|                                                 | C   | 4                      | 3 | 3 | 3  | 3  | 3 |
|                                                 | B   | 4                      | 3 | 3 | 3  | 3  | 3 |
|                                                 | A   | 4                      | 3 | 3 | 3  | 3  | 3 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X75<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 7                      | 7 | 7 | 7  | 7  | 7 |
|                                                 | C   | 7                      | 7 | 7 | 7  | 7  | 7 |
|                                                 | B   | 7                      | 7 | 7 | 7  | 7  | 7 |
|                                                 | A   | 7                      | 7 | 7 | 7  | 5  | 7 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X76<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 3 | 3 | 3  | 3  | 3 |
|                                                 | C   | 3                      | 3 | 3 | 3  | 3  | 3 |
|                                                 | B   | 3                      | 3 | 3 | 3  | 3  | 3 |
|                                                 | A   | 3                      | 3 | 3 | 3  | 1  | 3 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X77<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 8                      | 6 | 7 | 7  | 7  | 7 |
|                                                 | C   | 8                      | 7 | 7 | 7  | 7  | 7 |
|                                                 | B   | 8                      | 7 | 7 | 7  | 7  | 7 |
|                                                 | A   | 8                      | 7 | 5 | 7  | 7  | 7 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X78<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 4                      | 3 | 4 | 2  | 2  | 3 |
|                                                 | C   | 4                      | 3 | 4 | 2  | 2  | 3 |
|                                                 | B   | 4                      | 3 | 4 | 2  | 2  | 3 |
|                                                 | A   | 4                      | 3 | 4 | 2  | 4  | 3 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X79<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 4                      | 3 | 4 | 2  | 2  | 4 |
|                                                 | C   | 4                      | 3 | 4 | 2  | 2  | 2 |
|                                                 | B   | 4                      | 3 | 4 | 2  | 2  | 2 |
|                                                 | A   | 4                      | 3 | 4 | 2  | 2  | 2 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X80<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 3 | 3 | 3  | 3  | 3 |
|                                                 | C   | 3                      | 3 | 3 | 3  | 3  | 3 |
|                                                 | B   | 3                      | 3 | 3 | 3  | 3  | 3 |
|                                                 | A   | 3                      | 3 | 4 | 4  | 3  | 3 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X81<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 6                      | 6 | 6 | 6  | 6  | 5 |
|                                                 | C   | 6                      | 6 | 6 | 6  | 6  | 6 |
|                                                 | B   | 6                      | 6 | 6 | 6  | 6  | 6 |
|                                                 | A   | 6                      | 6 | 6 | 6  | 6  | 6 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X82<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2 | 2 | 2  | 2  | 2 |
|                                                 | C   | 3                      | 3 | 4 | 3  | 4  | 3 |
|                                                 | B   | 2                      | 2 | 2 | 2  | 2  | 2 |
|                                                 | A   | 2                      | 2 | 2 | 2  | 2  | 2 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X83<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 2 | 2 | 2  | 2  | 2 |
|                                                 | C   | 1                      | 2 | 2 | 2  | 2  | 2 |
|                                                 | B   | 1                      | 2 | 2 | 2  | 2  | 2 |
|                                                 | A   | 1                      | 2 | 2 | 2  | 2  | 2 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X84<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 1 | 1 | 1  | 1  | 1 |
|                                                 | C   | 2                      | 1 | 1 | 1  | 1  | 1 |
|                                                 | B   | 2                      | 1 | 1 | 1  | 1  | 1 |
|                                                 | A   | 2                      | 1 | 1 | 1  | 1  | 1 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X85<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 1 | 1 | 1  | 2  | 1 |
|                                                 | C   | 1                      | 1 | 1 | 1  | 4  | 1 |
|                                                 | B   | 1                      | 1 | 1 | 1  | 2  | 1 |
|                                                 | A   | 1                      | 1 | 1 | 1  | 2  | 1 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X86<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 1 | 2 | 2  | 2  | 2 |
|                                                 | C   | 1                      | 1 | 2 | 2  | 2  | 2 |
|                                                 | B   | 1                      | 1 | 2 | 2  | 2  | 2 |
|                                                 | A   | 1                      | 1 | 2 | 2  | 2  | 2 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X87<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 1 | 2 | 1  | 2  | 2 |
|                                                 | C   | 2                      | 2 | 3 | 2  | 2  | 2 |
|                                                 | B   | 2                      | 2 | 2 | 2  | 2  | 2 |
|                                                 | A   | 2                      | 2 | 2 | 2  | 2  | 2 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X88<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 6                      | 6 | 6 | 6  | 6  | 6 |
|                                                 | C   | 7                      | 7 | 8 | 6  | 6  | 6 |
|                                                 | B   | 6                      | 6 | 6 | 6  | 6  | 6 |
|                                                 | A   | 6                      | 6 | 6 | 6  | 6  | 6 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X89<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2 | 2 | 2  | 2  | 2 |
|                                                 | C   | 2                      | 4 | 2 | 2  | 2  | 2 |
|                                                 | B   | 2                      | 2 | 2 | 2  | 2  | 2 |
|                                                 | A   | 2                      | 2 | 2 | 2  | 2  | 2 |
| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |   |
|                                                 |     | 1                      | 2 | 3 | 4  | 5  | 6 |
| 70218-X90<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 1 | 3 | 2  | 1  | 2 |
|                                                 | C   | 2                      | 2 | 2 | 2  | 2  | 2 |
|                                                 | B   | 2                      | 2 | 2 | 2  | 2  | 2 |
|                                                 | A   | 2                      | 2 | 2 | 2  | 2  | 2 |

|                    |            |          |                                       |                  |            |         |
|--------------------|------------|----------|---------------------------------------|------------------|------------|---------|
| www.fciconnect.com |            |          | surface3.200                          | tolerance std    | projection | mm      |
|                    |            |          | ISO 1302                              | ISO 406 ISO 1101 |            |         |
|                    |            |          | TOLERANCES UNLESS OTHERWISE SPECIFIED |                  |            |         |
| Dr                 | T.BRUNGARD | 01/24/00 | ANGULAR                               | 0.X              | ±0.3       | size A4 |
| Eng                | M.STRAWSER | 01/24/   |                                       |                  |            |         |



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A

B

C

D

| METRAL<br>P/N                                   | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|-------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 70218-X91<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                 | C   | 3                      | 3 | 4 | 2 | 2 | 2 |
|                                                 | B   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                 | A   | 2                      | 2 | 2 | 2 | 2 | 2 |
| 70218-X92<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                 | C   | 2                      | 2 | 2 | 4 | 2 | 2 |
|                                                 | B   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                 | A   | 2                      | 2 | 2 | 2 | 2 | 2 |
| 70218-X93<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2 | 2 | 2 | 1 | 2 |
|                                                 | C   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                 | B   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                 | A   | 2                      | 2 | 2 | 2 | 2 | 2 |
| 70218-X94<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                 | C   | 2                      | 2 | 2 | 2 | 4 | 2 |
|                                                 | B   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                 | A   | 2                      | 2 | 2 | 2 | 2 | 2 |
| 70218-X95<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2 | 2 | 1 | 2 | 2 |
|                                                 | C   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                 | B   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                 | A   | 2                      | 2 | 2 | 2 | 2 | 2 |

| METRAL<br>P/N                                    | ROW | CONTACT CODE<br>MOD. I |   |   |   |    |    |
|--------------------------------------------------|-----|------------------------|---|---|---|----|----|
|                                                  |     | 1                      | 2 | 3 | 4 | 5  | 6  |
| 70218-X96<br>SEE NOTE 11<br>LEAD FREE<br>OPTION  | D   | 6                      | 6 | 6 | 6 | 6  | 6  |
|                                                  | C   | 6                      | 6 | 8 | 6 | 6  | 6  |
|                                                  | B   | 8                      | 6 | 6 | 6 | 6  | 6  |
|                                                  | A   | 7                      | 6 | 6 | 6 | 6  | 6  |
| 70218-X97<br>SEE NOTE 11<br>LEAD FREE<br>OPTION  | D   | 6                      | 6 | 6 | 6 | 6  | 6  |
|                                                  | C   | 6                      | 6 | 5 | 5 | 6  | 6  |
|                                                  | B   | 6                      | 6 | 6 | 6 | 6  | 6  |
|                                                  | A   | 6                      | 6 | 6 | 6 | 6  | 6  |
| 70218-X98<br>SEE NOTE 11<br>LEAD FREE<br>OPTION  | D   | 6                      | 6 | 6 | 5 | 6  | 6  |
|                                                  | C   | 7                      | 6 | 6 | 6 | 6  | 6  |
|                                                  | B   | 6                      | 6 | 6 | 6 | 6  | 6  |
|                                                  | A   | 6                      | 6 | 6 | 5 | 6  | 6  |
| 70218-X99<br>SEE NOTE 11<br>LEAD FREE<br>OPTION  | D   | 1                      | 1 | 1 | 1 | 19 | 19 |
|                                                  | C   | 1                      | 1 | 1 | 1 | 19 | 19 |
|                                                  | B   | 1                      | 1 | 1 | 1 | 19 | 19 |
|                                                  | A   | 1                      | 1 | 1 | 1 | 19 | 19 |
| 70218-X100<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 4                      | 2 | 2 | 2 | 2  | 4  |
|                                                  | C   | 2                      | 2 | 2 | 2 | 2  | 2  |
|                                                  | B   | 2                      | 2 | 2 | 2 | 2  | 2  |
|                                                  | A   | 4                      | 2 | 2 | 4 | 2  | 2  |

| METRAL<br>P/N                                    | ROW | CONTACT CODE<br>MOD. I |   |    |    |    |    |
|--------------------------------------------------|-----|------------------------|---|----|----|----|----|
|                                                  |     | 1                      | 2 | 3  | 4  | 5  | 6  |
| 70218-X101<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2 | 2  | 2  | 2  | 1  |
|                                                  | C   | 2                      | 2 | 1  | 2  | 1  | 2  |
|                                                  | B   | 2                      | 1 | 2  | 2  | 2  | 2  |
|                                                  | A   | 2                      | 2 | 2  | 2  | 2  | 2  |
| 70218-X102<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 6                      | 6 | 6  | 6  | 6  | 5  |
|                                                  | C   | 6                      | 6 | 6  | 6  | 6  | 5  |
|                                                  | B   | 6                      | 6 | 6  | 6  | 6  | 6  |
|                                                  | A   | 6                      | 6 | 6  | 6  | 6  | 5  |
| 70218-X103<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 6                      | 6 | 20 | 6  | 6  | 6  |
|                                                  | C   | 6                      | 6 | 20 | 6  | 6  | 6  |
|                                                  | B   | 6                      | 6 | 20 | 6  | 6  | 6  |
|                                                  | A   | 6                      | 6 | 20 | 6  | 6  | 6  |
| 70218-X104<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 7                      | 6 | 6  | 6  | 6  | 6  |
|                                                  | C   | 20                     | 6 | 6  | 6  | 6  | 6  |
|                                                  | B   | 6                      | 6 | 6  | 20 | 6  | 6  |
|                                                  | A   | 6                      | 6 | 6  | 6  | 6  | 6  |
| 70218-X105<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 6                      | 6 | 6  | 6  | 20 | 20 |
|                                                  | C   | 6                      | 6 | 6  | 6  | 20 | 20 |
|                                                  | B   | 6                      | 6 | 6  | 6  | 20 | 20 |
|                                                  | A   | 6                      | 6 | 6  | 6  | 20 | 20 |

| METRAL<br>P/N                                    | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |    |
|--------------------------------------------------|-----|------------------------|---|---|---|---|----|
|                                                  |     | 1                      | 2 | 3 | 4 | 5 | 6  |
| 70218-X106<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 3 | 2 | 2 | 2 | 19 |
|                                                  | C   | 2                      | 3 | 2 | 2 | 2 | 19 |
|                                                  | B   | 2                      | 3 | 2 | 2 | 2 | 19 |
|                                                  | A   | 2                      | 3 | 2 | 2 | 2 | 19 |
| 70218-X107<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 19                     | 2 | 3 | 2 | 3 | 2  |
|                                                  | C   | 19                     | 2 | 3 | 2 | 3 | 2  |
|                                                  | B   | 19                     | 2 | 3 | 2 | 3 | 2  |
|                                                  | A   | 19                     | 2 | 3 | 2 | 3 | 2  |
| 70218-X108<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 1 | 3 | 2 | 3 | 1  |
|                                                  | C   | 1                      | 1 | 3 | 2 | 3 | 1  |
|                                                  | B   | 1                      | 1 | 3 | 2 | 3 | 1  |
|                                                  | A   | 1                      | 1 | 3 | 2 | 3 | 1  |
| 70218-X109<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 1 | 1 | 2 | 2 | 2  |
|                                                  | C   | 2                      | 1 | 1 | 2 | 2 | 2  |
|                                                  | B   | 2                      | 1 | 1 | 2 | 2 | 2  |
|                                                  | A   | 2                      | 1 | 1 | 2 | 2 | 2  |
| 70218-X110<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 1 | 2 | 2 | 2 | 3  |
|                                                  | C   | 1                      | 1 | 2 | 2 | 2 | 3  |
|                                                  | B   | 2                      | 2 | 2 | 2 | 2 | 3  |
|                                                  | A   | 2                      | 2 | 2 | 2 | 2 | 3  |

| METRAL<br>P/N                                    | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|--------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                  |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 70218-X111<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 7                      | 6 | 5 | 5 | 5 | 5 |
|                                                  | C   | 7                      | 6 | 5 | 5 | 5 | 5 |
|                                                  | B   | 7                      | 6 | 5 | 5 | 5 | 5 |
|                                                  | A   | 7                      | 6 | 5 | 5 | 5 | 5 |
| 70218-X112<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 3 | 1 | 1 | 1 | 1 |
|                                                  | C   | 1                      | 3 | 1 | 1 | 1 | 1 |
|                                                  | B   | 1                      | 3 | 1 | 1 | 1 | 1 |
|                                                  | A   | 1                      | 3 | 1 | 1 | 1 | 1 |
| 70218-X113<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 2 | 3 | 2 | 2 | 2 |
|                                                  | C   | 3                      | 2 | 3 | 2 | 2 | 2 |
|                                                  | B   | 3                      | 2 | 3 | 2 | 2 | 2 |
|                                                  | A   | 3                      | 2 | 3 | 2 | 2 | 2 |
| 70218-X114<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 6                      | 6 | 6 | 6 | 6 | 6 |
|                                                  | C   | 6                      | 6 | 6 | 6 | 6 | 6 |
|                                                  | B   | 7                      | 6 | 6 | 6 | 6 | 6 |
|                                                  | A   | 7                      | 6 | 6 | 6 | 6 | 6 |
| 70218-X115<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 1 | 3 | 2 | 2 | 3 |
|                                                  | C   | 2                      | 1 | 3 | 2 | 2 | 3 |
|                                                  | B   | 2                      | 1 | 3 | 2 | 2 | 3 |
|                                                  | A   | 2                      | 1 | 3 | 2 | 2 | 3 |

| METRAL<br>P/N                                    | ROW | CONTACT CODE<br>MOD. I |   |    |   |    |   |
|--------------------------------------------------|-----|------------------------|---|----|---|----|---|
|                                                  |     | 1                      | 2 | 3  | 4 | 5  | 6 |
| 70218-X116<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2 | 2  | 2 | 2  | 1 |
|                                                  | C   | 2                      | 2 | 2  | 2 | 2  | 2 |
|                                                  | B   | 1                      | 1 | 1  | 1 | 1  | 1 |
|                                                  | A   | 2                      | 2 | 2  | 2 | 2  | 2 |
| 70218-X117<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 7                      | 6 | 20 | 6 | 6  | 6 |
|                                                  | C   | 20                     | 6 | 20 | 6 | 6  | 6 |
|                                                  | B   | 6                      | 6 | 20 | 6 | 6  | 6 |
|                                                  | A   | 6                      | 6 | 20 | 6 | 6  | 6 |
| 70218-X118<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2 | 2  | 2 | 2  | 1 |
|                                                  | C   | 2                      | 2 | 2  | 2 | 1  | 2 |
|                                                  | B   | 2                      | 2 | 19 | 2 | 2  | 2 |
|                                                  | A   | 2                      | 2 | 1  | 2 | 2  | 2 |
| 70218-X119<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 20                     | 6 | 6  | 6 | 6  | 6 |
|                                                  | C   | 20                     | 6 | 6  | 6 | 6  | 6 |
|                                                  | B   | 20                     | 6 | 6  | 6 | 6  | 6 |
|                                                  | A   | 20                     | 6 | 6  | 6 | 6  | 6 |
| 70218-X120<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2 | 19 | 2 | 19 | 2 |
|                                                  | C   | 2                      | 2 | 19 | 2 | 19 | 2 |
|                                                  | B   | 2                      | 1 | 19 | 2 | 19 | 2 |
|                                                  | A   | 2                      | 2 | 19 | 2 | 19 | 2 |

A

B

C

D

|                    |            |          |                                                         |        |                                   |                  |            |                |
|--------------------|------------|----------|---------------------------------------------------------|--------|-----------------------------------|------------------|------------|----------------|
| www.fciconnect.com |            |          | surface3.200<br>ISO 1302                                |        | tolerance std<br>ISO 406 ISO 1101 | projection<br>mm | mm         |                |
|                    |            |          | TOLERANCES UNLESS OTHERWISE SPECIFIED                   |        |                                   |                  |            |                |
| Dr                 | T.BRUNGARD | 01/24/00 | ANGULAR<br>0° ±2°                                       | LINEAR | 0.X                               | ±0.3             | size<br>A4 | Scale<br>53:50 |
| Eng                | M.STRAWSER | 01/24/00 |                                                         |        | 0.XX                              | ±0.13            |            |                |
| Chr                | M.STRAWSER | 01/24/00 |                                                         |        | 0.XXX                             | ±.051            |            |                |
| Appr               | M.STRAWSER | 02/29/00 | Product family                                          |        |                                   | METRAL           | Spec ref   | *              |
| FCI                |            |          | title<br>METRAL SIGNAL HEADER<br>1 MOD, 4 ROW PRESS-FIT |        |                                   | dwg no<br>70218  |            | Rev.<br>BX     |
|                    |            |          | catalog no                                              |        |                                   | CUSTOMER         |            | sheet 6 of 7   |



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| METRAL<br>P/N                                        | ROW | CONTACT CODE<br>MOD. I |   |   |    |    |    |
|------------------------------------------------------|-----|------------------------|---|---|----|----|----|
|                                                      |     | 1                      | 2 | 3 | 4  | 5  | 6  |
| 70218-X121<br><br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2 | 3 | 19 | 1  | 19 |
|                                                      | C   | 2                      | 2 | 3 | 19 | 2  | 19 |
|                                                      | B   | 2                      | 2 | 3 | 19 | 19 | 2  |
|                                                      | A   | 2                      | 2 | 3 | 19 | 19 | 3  |



NOTES:

- FOR DIM A AND B SEE SHEET 2 AND UP.
- BODY MATERIAL: LIQUID CRYSTAL  
  
POLYMER 30 % GLASS.  
  
FLAME RETARDANT ACC. UL 94-V0.
- PIN MATERIAL:  
PHOSPHOR BRONZE.
- PLATING ON PRESS-FIT TAIL:  
70218 -XXX IS SnPb  
70218-XYLF IS SN (LEAD FREE)  
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE  
LEVEL SHOWN IN TABLE.
- PRODUCT MARKING:  
PART NUMBER DESIGNATION & BATCH I.D.
- ALL PRODUCTS WITH PART NUMBERS SHOWN IN  
SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES.  
IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P"  
WILL BE ADDED TO THE END OF THE PART NUMBER.  
EXAMPLE: XXXXX-XXXP OR XXXXX-XXXPLF
- PRODUCT SPECIFICATION GS-12-180  
APPLICATION SPECIFICATION BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH  
QUALIFIED TOOL.
- A PLATING HAS Au FLASH IN PRESS FIT  
AREA (LEAD FREE).
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE  
EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS  
AS DESCRIBED IN GS-22-008.
- FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.  
EXAMPLE: 70218-X01LF
- ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING  
(DRAWING NO.)-N1--- OR (DRAWING NO.)-N5---WILL WITHSTAND EXPOSURE  
TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR  
VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-N1---  
AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND Au CONTACT  
SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140°C FOR  
NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

|                                                                                       |            |          |                                       |        |                                   |  |                                                                                                     |                |                                                                                             |  |  |
|---------------------------------------------------------------------------------------|------------|----------|---------------------------------------|--------|-----------------------------------|--|-----------------------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------|--|--|
| www.fciconnect.com                                                                    |            |          | surface3.200<br>ISO 1302              |        | tolerance std<br>ISO 406 ISO 1101 |  | projection<br> |                | mm<br> |  |  |
|                                                                                       |            |          | TOLERANCES UNLESS OTHERWISE SPECIFIED |        |                                   |  |                                                                                                     |                |                                                                                             |  |  |
| Dr                                                                                    | T.BRUNGARD | 01/24/00 | ANGULAR                               | LINEAR | 0.X<br>±0.3                       |  | size<br>A4                                                                                          | Scale<br>53:50 |                                                                                             |  |  |
| Eng                                                                                   | M.STRAWSER | 01/24/00 |                                       |        | 0.XX<br>±0.13                     |  |                                                                                                     |                |                                                                                             |  |  |
| Chr                                                                                   | M.STRAWSER | 01/24/00 |                                       |        | 0° ±2°<br>0.XXX ±.051             |  |                                                                                                     |                |                                                                                             |  |  |
| Appr                                                                                  | M.STRAWSER | 02/29/00 | Product family                        |        |                                   |  | METRAL                                                                                              | ECN<br>*       |                                                                                             |  |  |
|                                                                                       |            |          | Product family                        |        |                                   |  | METRAL                                                                                              | Spec ref *     |                                                                                             |  |  |
|  |            |          | title                                 |        |                                   |  | dwg no                                                                                              |                | Rev.                                                                                        |  |  |
|                                                                                       |            |          | METRAL SIGNAL HEADER                  |        |                                   |  | 70218                                                                                               |                | BX                                                                                          |  |  |
|                                                                                       |            |          | I MOD, 4 ROW PRESS-FIT                |        |                                   |  |                                                                                                     |                |                                                                                             |  |  |
|                                                                                       |            |          | catalog no                            |        |                                   |  | CUSTOMER                                                                                            |                | sheet 7 of 7                                                                                |  |  |



**Стандарт  
Электрон  
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

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