

PRODUCT NUMBER

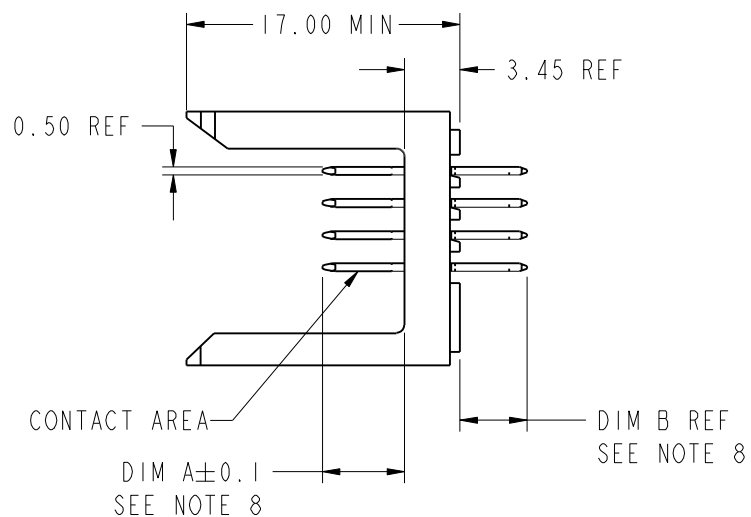
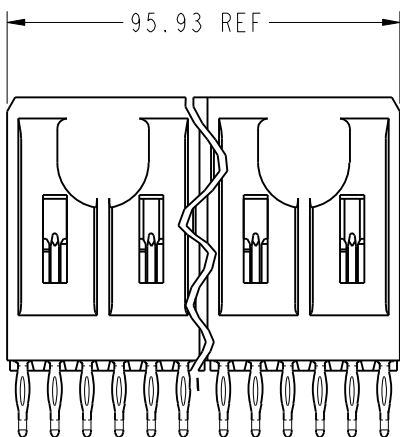
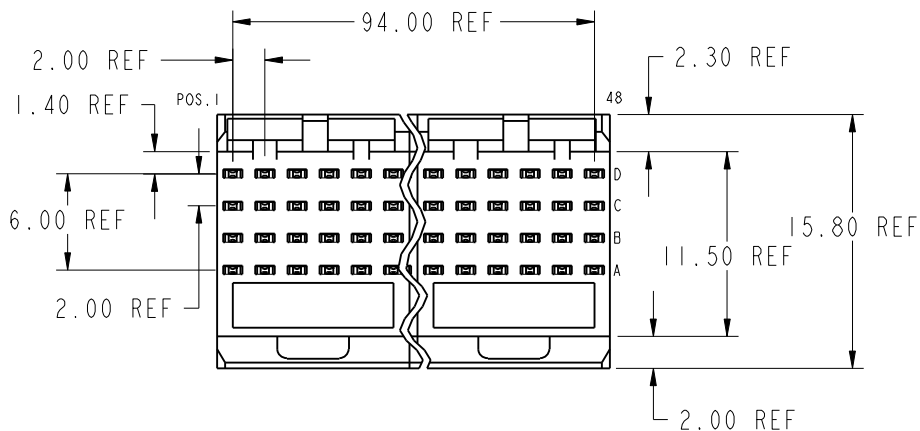
SEE TABLE

A

B

C

D



A

B

C

D



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|                                       |            |                          |       |             |                |          |                        |                      |               |          |       |     |    |
|---------------------------------------|------------|--------------------------|-------|-------------|----------------|----------|------------------------|----------------------|---------------|----------|-------|-----|----|
| spec ref *                            |            | dr <b>Terran Huang</b>   |       | 2010/07/08  | projection<br> | mm<br>←→ | size                   | A4                   | scale         | 2:1      |       |     |    |
| tolerance std                         |            | eng <b>Michael Song</b>  |       | 2014/12/02  |                |          | ecn no                 | ELX-DG-19567-1       |               |          |       |     |    |
| ASME Y14.5                            |            | chr <b>Tian-Zhao Lin</b> |       | 2014/12/03  |                |          |                        | rel level            |               | Released |       |     |    |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |            | appr <b>Collins Lu</b>   |       | 2014/12/03  | product family |          | METRAL                 |                      | rev           |          |       |     |    |
| surface ✓                             | ASME Y14.5 | linear                   | 0.X   | ±0.3        |                | title    |                        | METRAL SIGNAL HEADER |               | dwg no   | 88924 | rev | AV |
|                                       |            |                          | 0.XX  | ±0.13       |                |          |                        |                      |               |          |       |     |    |
|                                       |            |                          | 0.XXX | ±.051       |                |          |                        |                      |               |          |       |     |    |
| angular                               |            | 0°                       | ±2°   | www.fci.com | cat. no.       |          | Product - Customer Drw |                      | sheet 1 of 14 |          |       |     |    |

ProvE File - REV C - 2009-06-09

1

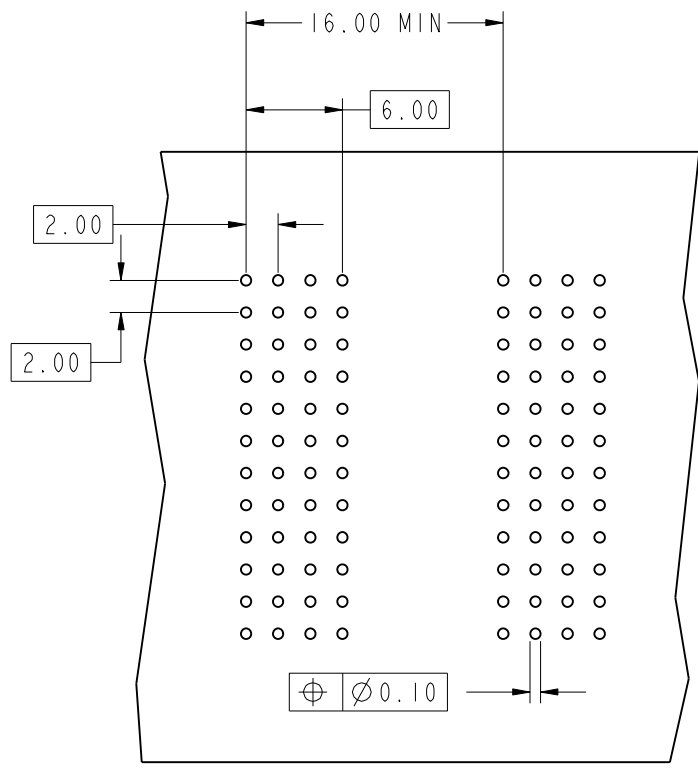
2

3

4



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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        |
| 13   | 8.25         | 4.30         |
| 14   | 8.25         | 13.60        |
| 19   | 8.00         | 4.30         |
| 20   | 8.00         | 13.60        |
| 22   | 5.00         | 12.10        |
| 23   | 8.00         | 17.70        |
| 25   | 5.75         | 15.60        |
| 40   | 5.00         | 15.60        |

REQUIRED PC BOARD LAYOUT  
 COMPONENT SIDE  
 SEE PRINT 58351 FOR  
 ADDITIONAL PCB INFORMATION

|               |                                       |             |               |            |                        |       |               |                |        |           |
|---------------|---------------------------------------|-------------|---------------|------------|------------------------|-------|---------------|----------------|--------|-----------|
| spec ref      | *                                     | dr          | Terran Huang  | 2010/07/08 | projection             | mm    | size          | A4             | scale  | 2:1       |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng         | Michael Song  | 2014/12/02 |                        |       | ecn no        | ELX-DG-19567-1 |        |           |
| ASME Y14.5    |                                       | chr         | Tian-Zhao Lin | 2014/12/03 |                        |       |               | product family | METRAL | rel level |
| surface       |                                       | linear      | appr          | Collins Lu | 2014/12/03             | title |               | 88924          | rev    | AV        |
| ASME Y14.5    | angular                               | www.fci.com |               | cat. no.   | Product - Customer Drw |       | sheet 2 of 14 |                |        |           |
|               | 0.X                                   | ±0.3        | FCI           |            | METRAL SIGNAL HEADER   |       |               |                |        |           |
|               | 0.XX                                  | ±0.13       |               |            | 8 MOD, 4 ROW PRESS-FIT |       |               |                |        |           |
|               | 0.XXX                                 | ±.051       |               |            |                        |       |               |                |        |           |
|               | 0°                                    | ±2°         |               |            |                        |       |               |                |        |           |

Pre/E File - REV C - 2009-06-09

| PRODUCT NUMBER | DESCRIPTION | PLATING IN PRESS FIT TAIL AREA | PERFORMANCE LEVEL OF PLATING IN CONTACT AREA        |
|----------------|-------------|--------------------------------|---|
| 88924-NIYY     | STANDARD    | TIN LEAD                       | TELCORDIA CO (NXT)                                  |
| 88924-N5YY     | STANDARD    | TIN LEAD                       | TELCORDIA UE (NXT)                                  |
| 88924-IYY      | STANDARD    | TIN LEAD                       | TELCORDIA CO  |
| 88924-2YY      | STANDARD    | TIN LEAD                       | TELECOM CLASS                                       |
| 88924-3YY      | STANDARD    | TIN LEAD                       | IEC CLASS I   |
| 88924-5YY      | STANDARD    | TIN LEAD                       | TELCORDIA UE  |
| 88924-NIYYLF   | LEAD FREE   | TIN                            | TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 9 AND 10 |
| 88924-N5YYLF   | LEAD FREE   | TIN                            | TELCORDIA UE (NXT) SEE NOTES 9 AND 10               |
| 88924-IYYLF    | LEAD FREE   | TIN                            | TELCORDIA CO , IEC CLASS I, SEE NOTES 9 AND 10      |
| 88924-2YYLF    | LEAD FREE   | TIN                            | TELECOM CLASS, SEE NOTES 9 AND 10                   |
| 88924-5YYLF    | LEAD FREE   | TIN                            | TELCORDIA UE , SEE NOTES 9 AND 10                   |

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 AREA: SEE PRODUCT NUMBER TABLE. PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET 3.
- 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: XXXX-XXXP OR XXXX-XXXPLF
- PRODUCT SPECIFICATION: GS-12-180 APPLICATION SPECIFICATION: BUS-20-073

- AFTER INSERTION INTO BOARD WITH QUALIFIED TOOLING.
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
- ALL THE PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING 88924-NI---OR 88924-N5---WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS 88924-NI---AND 88924-N5--- WILL NOT WITHSTAND REFLOW AND THE Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140 DEGREES C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

|               |                                       |             |               |            |                      |                        |           |               |                |     |
|---------------|---------------------------------------|-------------|---------------|------------|----------------------|------------------------|-----------|---------------|----------------|-----|
| spec ref      | *                                     | dr          | Terran Huang  | 2010/07/08 | projection           | mm                     | size      | A4            | scale          | 1:1 |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng         | Michael Song  | 2014/12/02 |                      |                        | ecn no    |               | ELX-DG-19567-1 |     |
| ASME Y14.5    |                                       | chr         | Tian-Zhao Lin | 2014/12/03 |                      |                        | rel level |               | Released       |     |
| surface       |                                       | linear      | appr          | Collins Lu | 2014/12/03           | product family         | METRAL    |               | rev            | AV  |
| ASME Y14.5    | angular                               |             |               | title      | METRAL SIGNAL HEADER |                        | dwg no    | 88924         |                |     |
|               | 0.X ±0.3                              | www.fci.com |               | cat. no.   | *                    | Product - Customer Drw |           | sheet 3 of 14 |                |     |
|               | 0.XX ±0.13                            |             |               |            |                      |                        |           |               |                |     |
|               | 0.XXX ±.051                           |             |               |            |                      |                        |           |               |                |     |
|               | 0° ±2°                                |             |               |            |                      |                        |           |               |                |     |



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A

| METRAL P/N                | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |   |
|---------------------------|-----|---------------------|---|---|---|---|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|---|
|                           |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |   |
| 88924-X26 AND 88924-X26LF | D   | 6                   | 6 | 6 | 6 | 6 | 20     | 20 | 20 | 20 | 20 | 20     | 20 | 6  | 6  | 6  | 6      | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 6  | 6  | 6  | 6  |   |
|                           | C   | 6                   | 6 | 6 | 6 | 6 | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6 |
|                           | B   | 6                   | 6 | 6 | 6 | 6 | 20     | 20 | 20 | 20 | 20 | 20     | 20 | 6  | 6  | 6  | 6      | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6 |
|                           | A   | 6                   | 6 | 6 | 6 | 6 | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6 |

B

| METRAL P/N                | ROW | CONTACT CODE MOD. 1 |    |    |    |    | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |   |   |
|---------------------------|-----|---------------------|----|----|----|----|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
|                           |     | 1                   | 2  | 3  | 4  | 5  | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |   |   |
| 88924-X27 AND 88924-X27LF | D   | 13                  | 13 | 13 | 13 | 13 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |   |   |
|                           | C   | 19                  | 19 | 19 | 19 | 19 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2 |   |
|                           | B   | 19                  | 19 | 19 | 19 | 19 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2 | 2 |
|                           | A   | 13                  | 13 | 13 | 13 | 13 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2 | 2 |

C

| METRAL P/N                | ROW | CONTACT CODE MOD. 1 |    |    |    |    | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |   |   |   |
|---------------------------|-----|---------------------|----|----|----|----|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|
|                           |     | 1                   | 2  | 3  | 4  | 5  | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |   |   |   |
| 88924-X28 AND 88924-X28LF | D   | 14                  | 14 | 14 | 14 | 14 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6 |   |   |
|                           | C   | 20                  | 20 | 20 | 20 | 20 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6 | 6 |   |
|                           | B   | 20                  | 20 | 20 | 20 | 20 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6 | 6 | 6 |
|                           | A   | 14                  | 14 | 14 | 14 | 14 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6 | 6 |   |

D

| METRAL P/N                | ROW | CONTACT CODE MOD. 1 |    |    |    |    | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |   |   |   |
|---------------------------|-----|---------------------|----|----|----|----|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|
|                           |     | 1                   | 2  | 3  | 4  | 5  | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |   |   |   |
| 88924-X29 AND 88924-X29LF | D   | 13                  | 13 | 13 | 13 | 13 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2 | 2 |   |
|                           | C   | 13                  | 13 | 13 | 13 | 13 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2 | 2 |   |
|                           | B   | 19                  | 19 | 19 | 19 | 19 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2 | 2 | 2 |
|                           | A   | 13                  | 13 | 13 | 13 | 13 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2 | 2 |   |

| METRAL P/N                | ROW | CONTACT CODE MOD. 1 |    |    |    |    | MOD. 2 |   |    |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |   |   |   |
|---------------------------|-----|---------------------|----|----|----|----|--------|---|----|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|
|                           |     | 1                   | 2  | 3  | 4  | 5  | 6      | 7 | 8  | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |   |   |   |
| 88924-X30 AND 88924-X30LF | D   | 14                  | 14 | 14 | 14 | 14 | 6      | 6 | 6  | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6 |   |   |
|                           | C   | 14                  | 20 | 14 | 20 | 14 | 20     | 6 | 14 | 6 | 14 | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6 | 6 |   |
|                           | B   | 20                  | 20 | 20 | 20 | 20 | 20     | 6 | 6  | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6 | 6 | 6 |
|                           | A   | 14                  | 14 | 14 | 14 | 14 | 6      | 6 | 6  | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6 | 6 |   |



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|---------------|---------------------------------------|---------|---------------|------------|----------------|--------|------------------------|----------------|----------|---------------|------------------------|
| spec ref      | *                                     | dr      | Terran Huang  | 2010/07/08 | projection<br> | mm<br> | size                   | A4             | scale    | 1:1           |                        |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng     | Michael Song  | 2014/12/02 |                |        | ecn no                 | ELX-DG-19567-1 |          |               |                        |
| ASME Y14.5    |                                       | chr     | Tian-Zhao Lin | 2014/12/03 |                |        |                        | rel level      | Released |               |                        |
| surface       | linear                                | appr    | Collins Lu    | 2014/12/03 | product family |        | METRAL                 |                |          | rev           |                        |
| ASME Y14.5    |                                       | angular | 0°            | ±2°        | www.fci.com    |        | cat. no.               |                | *        |               | Product - Customer Drw |
|               |                                       |         |               | title      |                |        | METRAL SIGNAL HEADER   |                |          | dwg no        | 88924                  |
|               |                                       |         |               |            |                |        | 8 MOD, 4 ROW PRESS-FIT |                |          |               |                        |
|               |                                       |         |               |            |                |        |                        |                |          | sheet 9 of 14 |                        |







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| METRAL P/N                | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|
|                           |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| 88924-X41 AND 88924-X41LF | D   | 19                  | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 19 |    |    |
|                           | C   | 3                   | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |
|                           | B   | 3                   | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |
|                           | A   | 19                  | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 19 |    |    |

| METRAL P/N                | ROW | CONTACT CODE MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------|-----|---------------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                           |     | 1                   | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |    |
| 88924-X42 AND 88924-X42LF | D   | 25                  | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |    |
|                           | C   | 25                  | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
|                           | B   | 25                  | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
|                           | A   | 25                  | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

| METRAL P/N                | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|
|                           |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| 88924-X43 AND 88924-X43LF | D   | 1                   | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |    |
|                           | C   | 1                   | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|                           | B   | 1                   | 1 | 1 | 1 | 1 | 1      | 1 | 2 | 1 | 2  | 1      | 2  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|                           | A   | 1                   | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 2 | 1  | 2      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |    |

| METRAL P/N                | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |   |
|---------------------------|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|---|
|                           |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |   |
| 88924-X44 AND 88924-X44LF | D   | 5                   | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5      | 7  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 7  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 7  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  |   |
|                           | C   | 5                   | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5      | 7  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 7  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 7  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5 |
|                           | B   | 5                   | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5      | 7  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 7  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 7  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5 |
|                           | A   | 5                   | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5      | 7  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 7  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 7  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  |   |

| METRAL P/N                | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    | MOD. 5 |    |    |    |    | MOD. 6 |    |    |    |    | MOD. 7 |    |    |    |    | MOD. 8 |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|
|                           |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21     | 22 | 23 | 24 | 25 | 26     | 27 | 28 | 29 | 30 | 31     | 32 | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| 88924-X45 AND 88924-X45LF | D   | 1                   | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |    |
|                           | C   | 1                   | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|                           | B   | 1                   | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|                           | A   | 3                   | 3 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 3  | 3  |    |

|                                       |            |             |               |                                 |                |          |                |              |                |                               |           |                |
|---------------------------------------|------------|-------------|---------------|---------------------------------|----------------|----------|----------------|--------------|----------------|-------------------------------|-----------|----------------|
| spec ref                              | *          | dr          | Terran Huang  | 2010/07/08                      | projection     | mm       | size           | A4           | scale          | 1:1                           |           |                |
| tolerance std                         | ASME Y14.5 | eng         | Michael Song  | 2014/12/02                      |                |          | ecn no         |              | ELX-DG-19567-1 |                               |           |                |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |            | chr         | Tian-Zhao Lin | 2014/12/03                      |                |          | product family |              | METRAL         |                               | rel level |                |
| surface                               | ASME Y14.5 | appr        | Collins Lu    | 2014/12/03                      | product family |          | METRAL         |              | rel level      |                               | Released  |                |
| linear                                | 0.X ±0.3   |             |               | <b>METRAL SIGNAL HEADER</b>     |                | dwg no   |                | <b>88924</b> |                | rev                           |           | <b>AV</b>      |
| angular                               | 0° ±2°     | www.fci.com |               | title<br>8 MOD, 4 ROW PRESS-FIT |                | cat. no. |                | *            |                | <b>Product - Customer Drw</b> |           | sheet 12 of 14 |

ProE File - REV C - 2009-06-09







## 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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