

FEATURES

- *Solder lug terminals with .093" x .062" (2.36mm x 1.57mm) wiring holes.*
- *Two-contact "Jones" connector is round, all others are rectangular.*
- *For use in cable-to-panel and cable-to-cable applications.*
- *Designed for light and medium duty.*
- *Plug prongs are .156" (3.96mm) wide and .047" (1.19mm) thick.*
- *Polarized to prevent wrong-way insertion.*
- *Plugs have projecting flat blades, sockets have recessed twin bellows.*
- *Cable clamps of zinc and clear irridite-plated steel used for strain relief.*
- *UL Recognized-file E170218 (UL 1977), E130965 (UL1863).*
- *CSA-LR31996.*
- *See Panel Cutout dimension on page (2-38).*

MATERIALS

**Insulation Material:** Molded monoblock, general purpose phenolic, black UL94V-1

**Contact Material:** Plug: Brass  
Socket: Phosphor bronze

**Contact Plating:** Cadmium

**Operating Temperature:** Up to +105°C

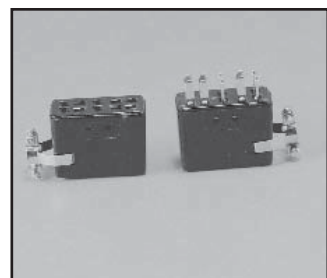
**Hood Material:** UL 94V-0 rated thermoplastic

ELECTRICAL

**Operating Voltage:** 250 VAC RMS maximum

**Current Rating:** 10 Amps

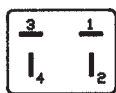
**Contact Resistance:** 16 Milliohms maximum



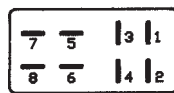
Polarizing Patterns - 300 Series



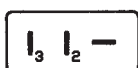
302



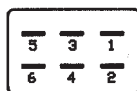
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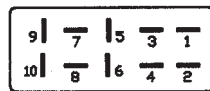
308



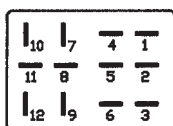
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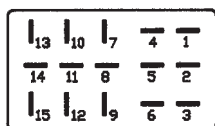
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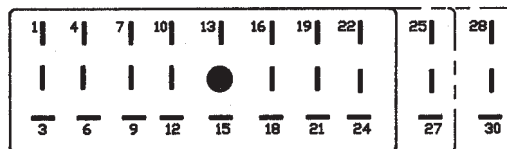
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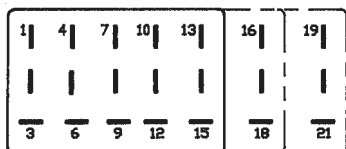
312



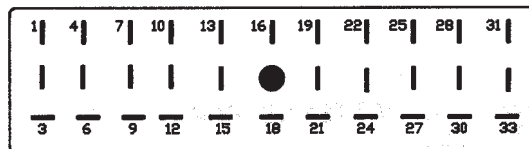
315-12



324,327,330



315,318,321

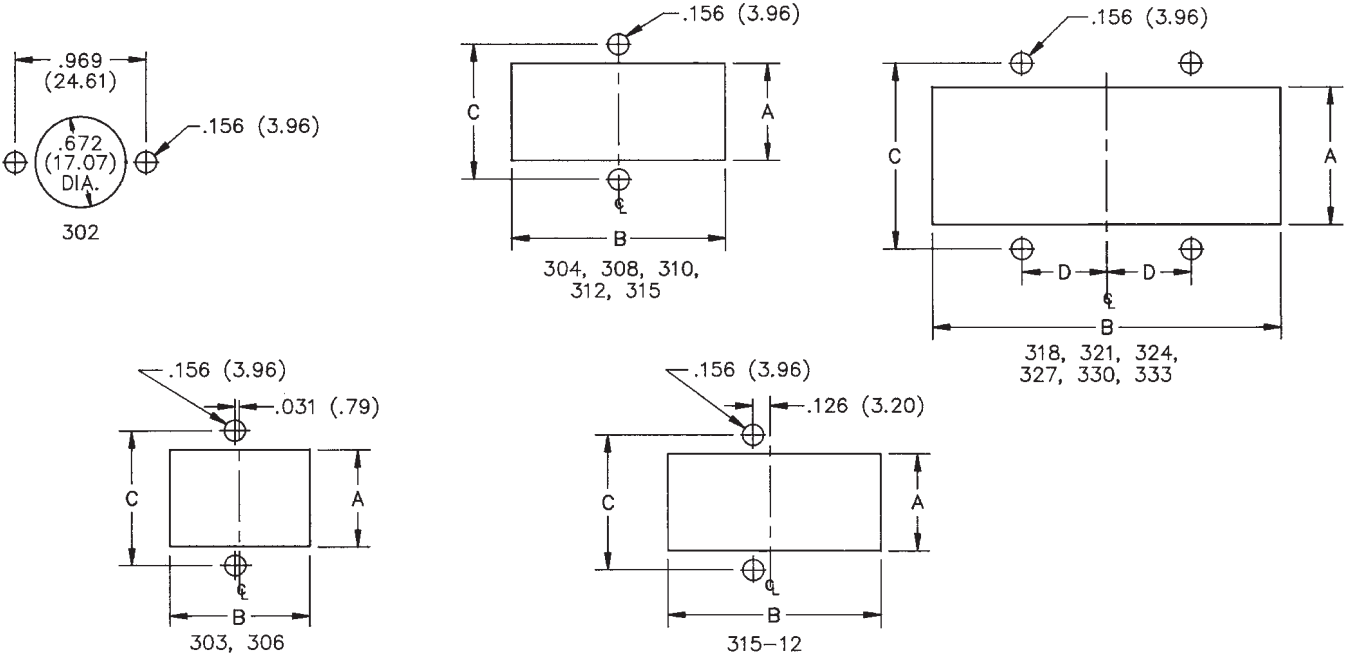


333

Mounting Dimensions

| Reference | A     |       | B     |       | C     |       | D     |       |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|
|           | in    | mm    | in    | mm    | in    | mm    | in    | mm    |
| 303       | .453  | 11.51 | 1.016 | 25.81 | .750  | 19.05 | -     | -     |
| 304       | .719  | 18.26 | .781  | 19.84 | 1.000 | 25.40 | -     | -     |
| 306       | .719  | 18.26 | 1.031 | 26.19 | 1.000 | 25.40 | -     | -     |
| 308       | .719  | 18.26 | 1.281 | 32.54 | 1.000 | 25.40 | -     | -     |
| 310       | .719  | 18.26 | 1.578 | 40.08 | 1.000 | 25.40 | -     | -     |
| 312       | .953  | 24.21 | 1.266 | 32.16 | 1.250 | 31.75 | -     | -     |
| 315-12    | .953  | 24.21 | 1.516 | 38.51 | 1.250 | 31.75 | -     | -     |
| 315       | 1.016 | 25.81 | 1.641 | 41.68 | 1.375 | 34.93 | -     | -     |
| 318       | 1.016 | 25.81 | 1.953 | 49.61 | 1.375 | 34.93 | .625  | 15.88 |
| 321       | 1.016 | 25.81 | 2.266 | 57.56 | 1.375 | 34.93 | .469  | 11.91 |
| 324       | 1.016 | 25.81 | 2.578 | 65.48 | 1.375 | 34.93 | .625  | 15.88 |
| 327       | 1.016 | 25.81 | 2.891 | 73.43 | 1.375 | 34.93 | .781  | 19.84 |
| 330       | 1.016 | 25.81 | 3.203 | 81.36 | 1.375 | 34.93 | .938  | 23.83 |
| 333       | 1.016 | 25.81 | 3.516 | 89.31 | 1.375 | 34.93 | 1.094 | 27.79 |

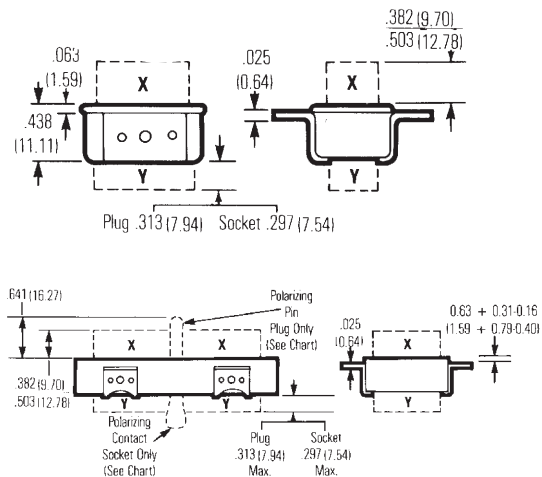
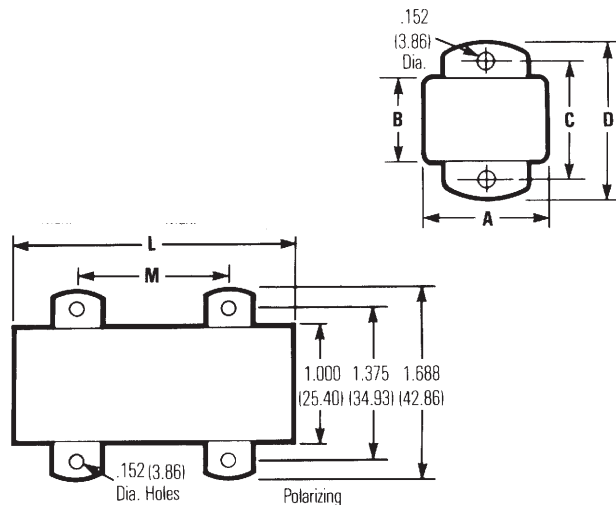
NOTE: For 300 Series 2 through 33 contact angle bracket connectors. All mounting holes are .156" (3.96mm) dia. Maximum chassis thickness is .063" (1.59mm) for bottom mounting. Mounting holes are located on center line unless otherwise shown.



Marketed exclusively through distribution.

| With Angle Bracket |                  |                    | Less Angle Bracket |                  |                    |
|--------------------|------------------|--------------------|--------------------|------------------|--------------------|
| No. of Contacts    | Catalog No. Plug | Catalog No. Socket | No. of Contacts    | Catalog No. Plug | Catalog No. Socket |
| 2                  | P-302-AB         | S-302-AB           | 2                  | P-302-LAB        | S-302-LAB          |
| 3                  | P-303-AB         | S-303-AB           | 3                  | P-303-LAB        | S-303-LAB          |
| 4                  | P-304-AB         | S-304-AB           | 4                  | P-304-LAB        | S-304-LAB          |
| 6                  | P-306-AB         | S-306-AB           | 6                  | P-306-LAB        | S-306-LAB          |
| 8                  | N/A              | N/A                | 8                  | N/A              | N/A                |
| 10                 | P-310-AB         | N/A                | 10                 | P-310-LAB        | N/A                |
| 12                 | P-312-AB         | N/A                | 12                 | P-312-LAB        | N/A                |
| 15*                | N/A              | S-315-12-AB        | 15                 | N/A              | S-315-12-LAB       |
| 15                 | P-315-AB         | S-315-AB           | 15                 | P-315-LAB        | S-315-LAB          |
| 18                 | P-318-AB         | S-318-AB           | 18                 | P-318-LAB        | S-318-LAB          |
| 21                 | P-321-AB         | S-321-AB           | 21                 | P-321-LAB        | S-321-LAB          |
| 24                 | P-324-AB         | S-324-AB           | 24                 | P-324-LAB        | S-324-LAB          |
| 27                 | P-327-AB         | S-327-AB           | 27                 | P-327-LAB        | S-327-LAB          |
| 30                 | P-330-AB         | S-330-AB           | 30                 | P-330-LAB        | S-330-LAB          |
| 33                 | P-333-AB         | S-333-AB           | 33                 | P-333-LAB        | S-333-LAB          |

X = length of plug contacts. This dimension does not apply to sockets.  
Y = length of plug or socket tails.



| No. of Contacts | A     |       | B    |       | C     |       | D     |       |
|-----------------|-------|-------|------|-------|-------|-------|-------|-------|
|                 | in    | mm    | in   | mm    | in    | mm    | in    | mm    |
| 2               | .656  | 16.67 | -    | -     | .969  | 24.61 | 1.219 | 30.96 |
| 3               | 1.000 | 25.40 | .438 | 11.11 | .750  | 19.05 | 1.062 | 26.99 |
| 4               | .750  | 19.05 | .688 | 17.46 | 1.000 | 25.40 | 1.312 | 33.34 |
| 6               | 1.000 | 25.40 | .688 | 17.46 | 1.000 | 25.40 | 1.312 | 33.34 |
| 8               | --    | --    | --   | --    | --    | --    | --    | --    |
| 10              | 1.562 | 39.69 | .688 | 17.46 | 1.000 | 25.40 | 1.312 | 33.34 |
| 12              | 1.250 | 31.75 | .938 | 23.81 | 1.250 | 31.75 | 1.562 | 39.69 |
| 15*             | 1.500 | 38.10 | .938 | 23.81 | 1.250 | 31.75 | 1.562 | 39.69 |

\*Special 15 contact arrangement to allow 12-position mating.

| Reference | L     |       | M        |       | Polarizing Pin |
|-----------|-------|-------|----------|-------|----------------|
|           | in    | mm    | in       | mm    |                |
| 15        | 1.625 | 41.28 | See note | -     | NO             |
| 18        | 1.938 | 49.23 | 1.250    | 31.75 | NO             |
| 21        | 2.250 | 57.15 | .938     | 23.81 | NO             |
| 24        | 2.563 | 65.10 | 1.250    | 31.75 | 14             |
| 27        | 2.875 | 73.03 | 1.562    | 39.69 | 14             |
| 30        | 3.188 | 80.98 | 1.875    | 47.63 | 14             |
| 33        | 3.500 | 88.90 | 2.188    | 55.58 | 17             |

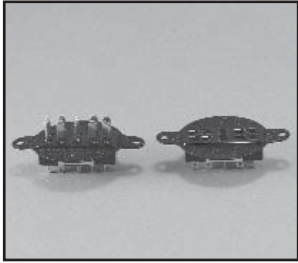
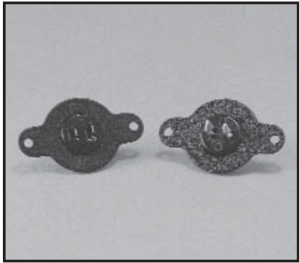
NOTE: 15-position plug and socket require only two mounting brackets, mounted on center of connector.

Marketed exclusively through distribution.

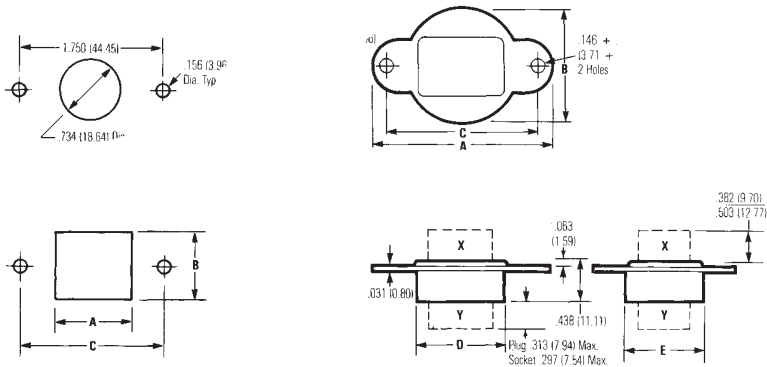
300 Series with Flush Plate (FP)

| No. of<br>Contacts | Catalog No.<br>Plug | Catalog No.<br>Socket |
|--------------------|---------------------|-----------------------|
| 2                  | P-302-FP            | S-302-FP              |
| 3                  | P-303-FP            | S-303-FP              |
| 4                  | P-304-FP            | S-304-FP              |
| 6                  | P-306-FP            | S-306-FP              |
| 8                  | N/A                 | N/A                   |
| 10                 | P-310-FP            | N/A                   |
| 12                 | P-312-FP            | N/A                   |

NOTE: Not available in contact sizes 15-33.



X = length of plug contacts. This dimension does not apply to sockets.  
Y = length of plug or socket tails.



Dimensions - Plug or Socket

| No. of<br>Contacts | A     |       | B     |       | C     |       | D     |       | E Max. |       |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
|                    | in    | mm    | in    | mm    | in    | mm    | in    | mm    | in     | mm    |
| 2                  | 2.063 | 52.40 | 1.250 | 31.75 | 1.750 | 44.45 | -     | -     | .719   | 18.26 |
| 3                  | 2.063 | 52.40 | 1.250 | 31.75 | 1.750 | 44.45 | .938  | 23.81 | .500   | 12.70 |
| 4                  | 2.063 | 52.40 | 1.250 | 31.75 | 1.750 | 44.45 | .688  | 17.46 | .750   | 19.05 |
| 6                  | 2.063 | 52.40 | 1.250 | 31.75 | 1.750 | 44.45 | .938  | 23.81 | .750   | 19.05 |
| 8                  | --    | --    | --    | --    | --    | --    | --    | --    | --     | --    |
| 10                 | 2.563 | 65.10 | 1.750 | 44.45 | 2.250 | 57.15 | 1.500 | 38.10 | .750   | 19.05 |
| 12                 | 2.563 | 65.10 | 1.750 | 44.45 | 2.250 | 57.15 | 1.188 | 30.16 | 1.000  | 25.40 |

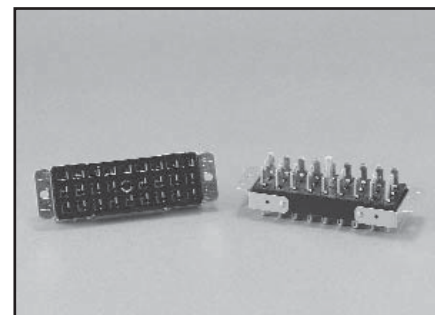
Panel Cutout Dimensions

| Reference | A     |       | B     |       | C     |       |
|-----------|-------|-------|-------|-------|-------|-------|
|           | in    | mm    | in    | mm    | in    | mm    |
| 303-FP    | .953  | 24.21 | .516  | 13.11 | 1.750 | 44.45 |
| 304-FP    | .703  | 17.86 | .766  | 19.46 | 1.750 | 44.45 |
| 306-FP    | .953  | 24.21 | .766  | 19.46 | 1.750 | 44.45 |
| 308-FP    | --    | --    | --    | --    | --    | --    |
| 310-FP    | 1.516 | 38.51 | .766  | 19.46 | 2.250 | 57.15 |
| 312-FP    | 1.203 | 30.56 | 1.016 | 25.81 | 2.250 | 57.15 |

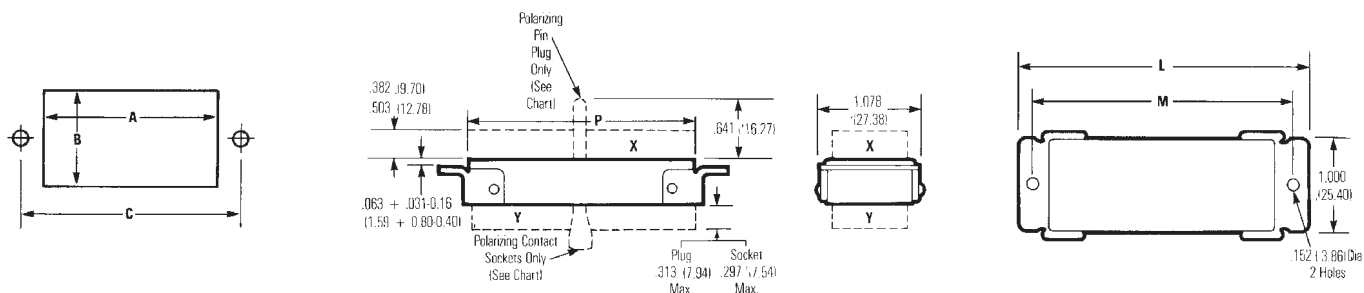
**300 Series with End Brackets (EB)**

| No. of<br>Contacts | Catalog No.<br>Plug | Catalog No.<br>Socket |
|--------------------|---------------------|-----------------------|
| 15                 | P-315-EB            | S-315-EB              |
| 18                 | P-318-EB            | S-318-EB              |
| 21                 | P-321-EB            | S-321-EB              |
| 24                 | P-324-EB            | S-324-EB              |
| 28                 | P-328-EB            | S-328-EB              |
| 30                 | P-330-EB            | S-330-EB              |
| 33                 | P-333-EB            | S-333-EB              |

NOTE: Not available in contact sizes 2-12.



X = length of plug contacts. This dimension does not apply to sockets.  
Y = length of plug or socket tails.



**Dimensions**

| No. of<br>Contacts | L<br>±.031 (.79mm) |        | M<br>±.031 (.79mm) |       | P<br>±.063 (1.59mm) |       | Polarizing<br>Pin |
|--------------------|--------------------|--------|--------------------|-------|---------------------|-------|-------------------|
| 15                 | 2.313              | 58.75  | 2.000              | 50.80 | 1.625               | 41.28 | NO                |
| 18                 | 2.625              | 66.68  | 2.313              | 58.75 | 1.938               | 49.23 | NO                |
| 21                 | 2.938              | 74.63  | 2.625              | 66.68 | 2.250               | 57.15 | NO                |
| 24                 | 3.250              | 82.55  | 2.938              | 74.63 | 2.563               | 65.10 | 14                |
| 27                 | 3.563              | 90.50  | 3.250              | 82.55 | 2.875               | 73.03 | 14                |
| 30                 | 3.875              | 98.43  | 3.563              | 90.50 | 3.188               | 80.98 | 14                |
| 33                 | 4.188              | 106.38 | 3.875              | 98.43 | 3.500               | 88.90 | 17                |

**Panel Cutout Dimensions**

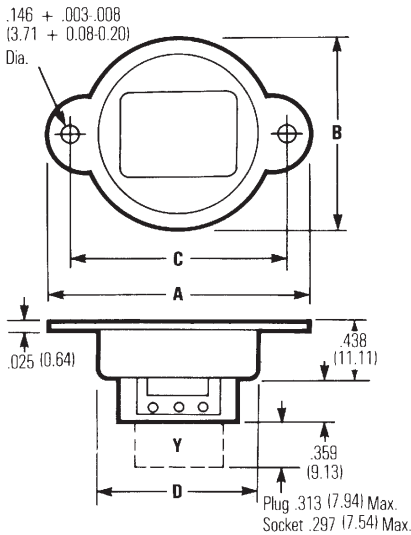
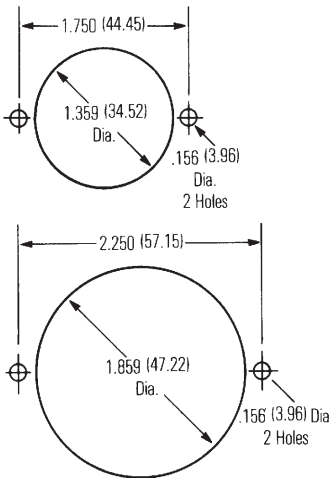
| Reference | A     |       | B     |       | C     |       |
|-----------|-------|-------|-------|-------|-------|-------|
|           | in    | mm    | in    | mm    | in    | mm    |
| 315-EB    | 1.641 | 41.68 | 1.016 | 25.81 | 2.000 | 50.80 |
| 318-EB    | 1.953 | 49.61 | 1.016 | 25.81 | 2.313 | 58.75 |
| 321-EB    | 2.266 | 57.56 | 1.016 | 25.81 | 2.625 | 66.68 |
| 324-EB    | 2.578 | 65.48 | 1.016 | 25.81 | 2.938 | 74.63 |
| 327-EB    | 2.891 | 73.43 | 1.016 | 25.81 | 3.250 | 82.55 |
| 330-EB    | 3.203 | 81.36 | 1.016 | 25.81 | 3.563 | 90.50 |
| 333-EB    | 3.516 | 89.31 | 1.016 | 25.81 | 3.875 | 98.43 |

Marketed exclusively through distribution.

300 Series with Recessed Plate (RP)

| No. of<br>Contacts | Catalog No.<br>Plug | Catalog No.<br>Socket |
|--------------------|---------------------|-----------------------|
| 2                  | P-302-RP            | S-302-RP              |
| 3                  | P-303-RP            | S-303-RP              |
| 4                  | P-304-RP            | S-304-RP              |
| 6                  | P-306-RP            | S-306-RP              |
| 8                  | N/A                 | N/A                   |
| 10                 | P-310-RP            | N/A                   |
| 12                 | P-312-RP            | N/A                   |

NOTE: Not available in contact sizes 15-33.



Y = length of plug or socket tails.

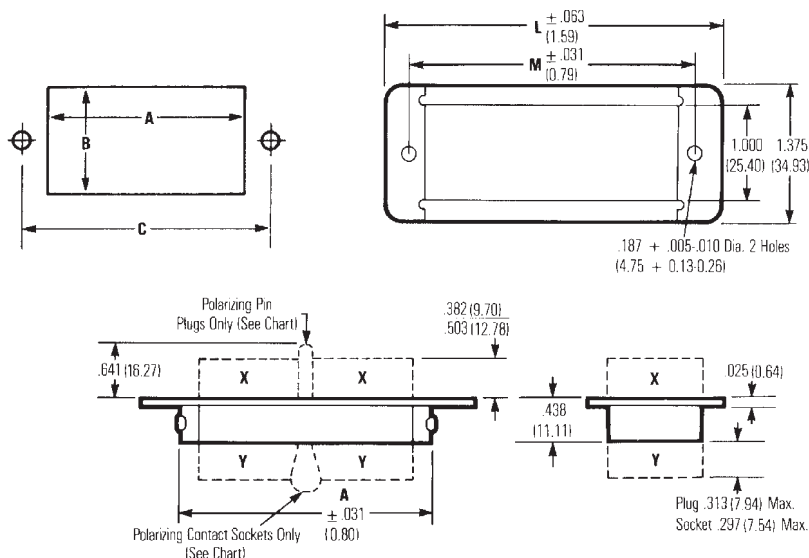
Dimensions

| No. of<br>Contacts | A     |       | B     |       | C     |       | D Max. |       |
|--------------------|-------|-------|-------|-------|-------|-------|--------|-------|
|                    | in    | mm    | in    | mm    | in    | mm    | in     | mm    |
| 2                  | 2.063 | 52.40 | 1.500 | 38.10 | 1.750 | 44.45 | 1.350  | 34.29 |
| 3                  | 2.063 | 52.40 | 1.500 | 38.10 | 1.750 | 44.45 | 1.350  | 34.29 |
| 4                  | 2.063 | 52.40 | 1.500 | 38.10 | 1.750 | 44.45 | 1.350  | 34.29 |
| 6                  | 2.063 | 52.40 | 1.500 | 38.10 | 1.750 | 44.45 | 1.350  | 34.29 |
| 8                  | --    | --    | --    | --    | --    | --    | --     | --    |
| 10                 | 2.563 | 65.10 | 2.000 | 50.80 | 2.250 | 57.15 | 1.850  | 46.99 |
| 12                 | 2.563 | 65.10 | 2.000 | 50.80 | 2.250 | 57.15 | 1.850  | 46.99 |

**300 Series with Shallow Bracket (SB)**

| No. of<br>Contacts | Catalog No.<br>Plug | Catalog No.<br>Socket |
|--------------------|---------------------|-----------------------|
| 15                 | P-315-SB            | S-315-SB              |
| 18                 | P-318-SB            | S-318-SB              |
| 21                 | P-321-SB            | S-321-SB              |
| 24                 | P-324-SB            | S-324-SB              |
| 27                 | P-327-SB            | S-327-SB              |
| 30                 | P-330-SB            | S-330-SB              |
| 33                 | P-333-SB            | S-333-SB              |

NOTE: Not available in contact sizes 2-12.



X = length of plug contacts. This dimension does not apply to sockets.  
Y = length of plug or socket tails.

**Dimensions**

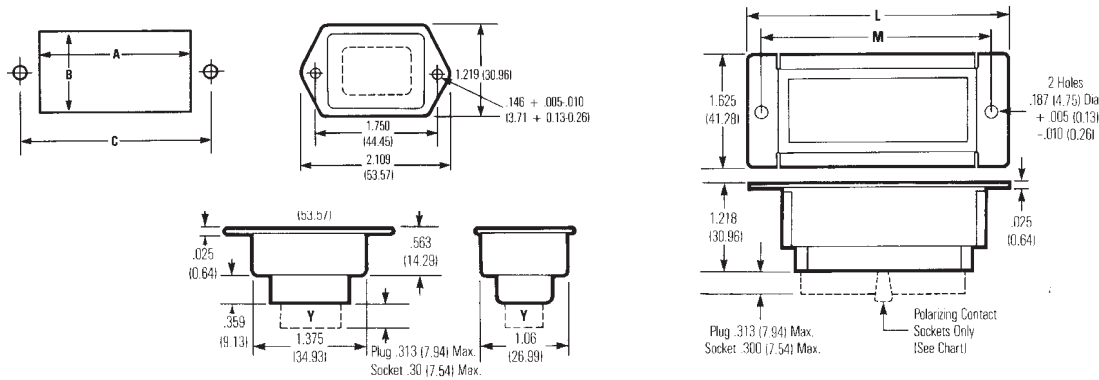
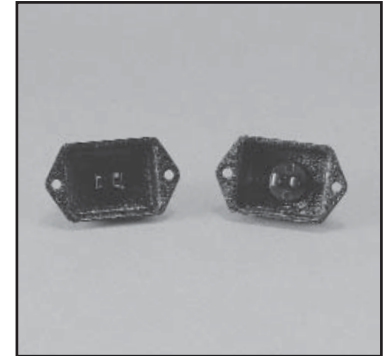
| No. of<br>Polarizing<br>Contacts | A<br>±.031 (.79mm) |       | M<br>±.031 (.79mm) |        | L<br>±.063 (1.59mm) |        | Polarizing<br>Pin |
|----------------------------------|--------------------|-------|--------------------|--------|---------------------|--------|-------------------|
|                                  | in                 | mm    | in                 | mm     | in                  | mm     |                   |
| 15                               | 1.688              | 42.86 | 2.125              | 53.98  | 2.547               | 64.69  | NO                |
| 18                               | 2.000              | 50.80 | 2.438              | 61.93  | 2.859               | 72.62  | NO                |
| 21                               | 2.313              | 58.75 | 2.750              | 69.85  | 3.172               | 80.57  | NO                |
| 24                               | 2.625              | 66.68 | 2.063              | 52.40  | 3.484               | 88.49  | 14                |
| 27                               | 2.938              | 74.63 | 3.375              | 85.73  | 3.797               | 96.44  | 14                |
| 30                               | 3.250              | 82.55 | 3.688              | 93.68  | 4.109               | 104.38 | 14                |
| 33                               | 3.563              | 90.50 | 4.000              | 101.60 | 4.422               | 112.32 | 17                |

**Panel Cutout Dimensions**

| Reference | A     |       | B     |       | C     |        |
|-----------|-------|-------|-------|-------|-------|--------|
|           | in    | mm    | in    | mm    | in    | mm     |
| 315-SB    | 1.750 | 44.45 | 1.156 | 29.36 | 2.125 | 53.98  |
| 318-SB    | 2.063 | 52.40 | 1.156 | 29.36 | 2.438 | 61.93  |
| 321-SB    | 2.375 | 60.33 | 1.156 | 29.36 | 2.750 | 69.85  |
| 324-SB    | 2.688 | 68.28 | 1.156 | 29.36 | 3.062 | 77.77  |
| 327-SB    | 3.000 | 76.20 | 1.156 | 29.36 | 3.376 | 85.75  |
| 330-SB    | 3.313 | 84.15 | 1.156 | 29.36 | 3.688 | 93.68  |
| 333-SB    | 3.625 | 92.08 | 1.156 | 29.36 | 4.000 | 101.60 |

**300 Series Deep Bracket (DB)**

| No. of Contacts | Catalog No. Plug | Catalog No. Socket |
|-----------------|------------------|--------------------|
| 2               | P-302-DB         | S-302-DB           |
| 3               | P-303-DB         | S-303-DB           |
| 4               | P-304-DB         | S-304-DB           |
| 6               | P-306-DB         | S-306-DB           |
| 8               | N/A              | N/A                |
| 10              | N/A              | N/A                |
| 12              | P-312-DB         | N/A                |
| 15              | P-315-DB         | S-315-DB           |
| 18              | P-318-DB         | S-318-DB           |
| 21              | P-321-DB         | S-321-DB           |
| 24              | P-324-DB         | S-324-DB           |
| 27              | P-327-DB         | S-327-DB           |
| 30              | P-330-DB         | S-330-DB           |
| 33              | P-333-DB         | S-333-DB           |



**Dimensions**

Y = length of plug or socket tails.

| No. of Contacts | L<br>±.063 (1.60mm) |        | M<br>±.031 (.79mm) |        | Polarizing Pin |
|-----------------|---------------------|--------|--------------------|--------|----------------|
|                 | in                  | mm     | in                 | mm     |                |
| 15              | 2.813               | 71.44  | 2.375              | 60.33  | NO             |
| 18              | 3.125               | 79.38  | 2.688              | 68.28  | NO             |
| 21              | 3.437               | 87.31  | 3.000              | 76.20  | NO             |
| 24              | 3.750               | 95.25  | 3.313              | 84.15  | 14             |
| 27              | 4.063               | 103.19 | 3.625              | 92.08  | 14             |
| 30              | 4.375               | 111.13 | 3.938              | 100.03 | 14             |
| 33              | 4.688               | 119.06 | 4.250              | 107.95 | 17             |

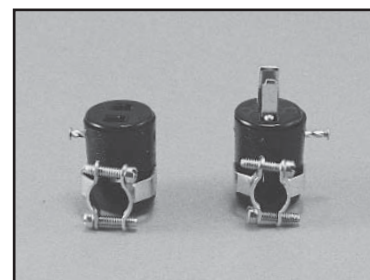
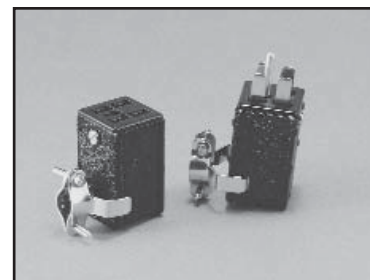
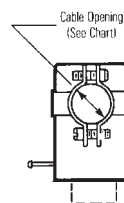
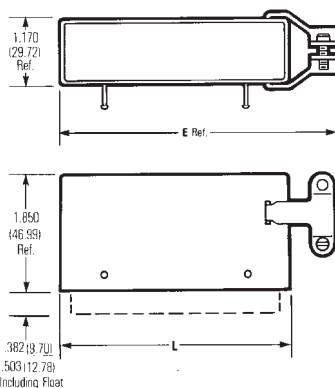
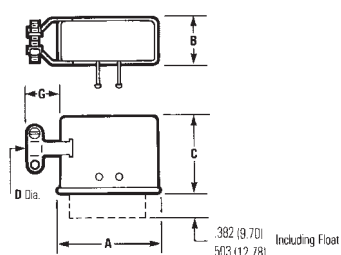
**Panel Cutout Dimensions**

| Reference   | A     |       | B     |       | C     |        |
|-------------|-------|-------|-------|-------|-------|--------|
|             | in    | mm    | in    | mm    | in    | mm     |
| 302-DB thru |       |       |       |       |       |        |
| 312-DB      | 1.453 | 36.91 | 1.125 | 28.58 | 1.750 | 38.10  |
| 315-DB      | 2.000 | 50.80 | 1.438 | 36.53 | 2.376 | 60.35  |
| 318-DB      | 2.313 | 58.75 | 1.438 | 36.53 | 2.688 | 68.28  |
| 321-DB      | 2.625 | 66.68 | 1.438 | 36.53 | 3.000 | 76.20  |
| 324-DB      | 2.938 | 74.63 | 1.438 | 36.53 | 3.312 | 84.12  |
| 327-DB      | 3.250 | 82.55 | 1.438 | 36.53 | 3.626 | 92.10  |
| 330-DB      | 3.562 | 90.47 | 1.438 | 36.53 | 3.938 | 100.03 |
| 333-DB      | 3.875 | 98.43 | 1.438 | 36.53 | 4.250 | 107.95 |

Marketed exclusively through distribution.

**300 Series with Hood and 90° Cable Clamp (CCE)**

| No. of<br>Contacts | Catalog No.<br>Plug | Catalog No.<br>Socket |
|--------------------|---------------------|-----------------------|
| 2                  | P-302-CCE           | S-302-CCE             |
| 3                  | P-303-CCE           | S-303-CCE             |
| 4                  | P-304-CCE           | S-304-CCE             |
| 6                  | P-306-CCE           | S-306-CCE             |
| 8                  | N/A                 | N/A                   |
| 10                 | P-310-CCE           | N/A                   |
| 12                 | P-312-CCE           | N/A                   |
| 15                 | P-315-CCE           | S-315-CCE             |
| 18                 | P-318-CCE           | S-318-CCE             |
| 21                 | P-321-CCE           | S-321-CCE             |
| 24                 | P-324-CCE           | S-324-CCE             |
| 27                 | P-327-CCE           | S-327-CCE             |
| 30                 | P-330-CCE           | S-330-CCE             |
| 33                 | P-333-CCE           | S-333-CCE             |



**Dimensions**

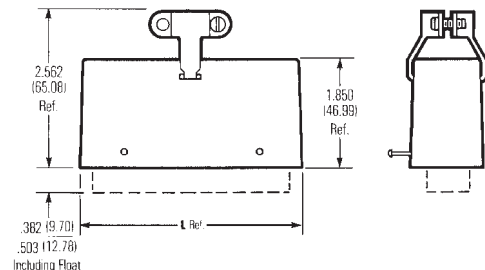
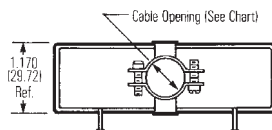
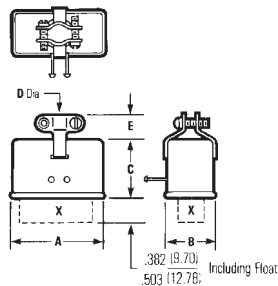
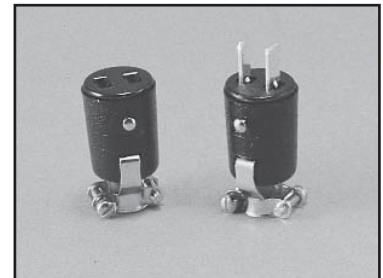
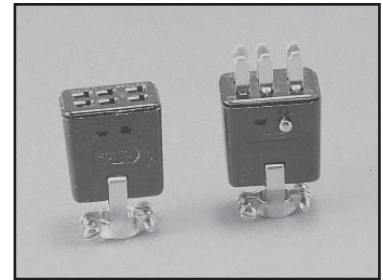
| No. of<br>Contacts | A $\pm .016$<br>(.41mm) |       | B $\pm .016$<br>(.41mm) |       | C $\pm .031$<br>(.79mm) |       | G    |       | Cable "D"<br>Opening |       |
|--------------------|-------------------------|-------|-------------------------|-------|-------------------------|-------|------|-------|----------------------|-------|
|                    | in                      | mm    | in                      | mm    | in                      | mm    | in   | mm    | in                   | mm    |
| 2                  | .691                    | 17.55 | -                       | -     | .953                    | 24.21 | .313 | 7.95  | .313                 | 7.95  |
| 3                  | 1.034                   | 26.26 | .472                    | 11.99 | .953                    | 24.21 | .344 | 8.74  | .250                 | 6.35  |
| 4                  | .786                    | 19.96 | .724                    | 18.39 | .953                    | 24.21 | .453 | 11.51 | .375                 | 9.53  |
| 6                  | 1.036                   | 26.31 | .724                    | 18.39 | .078                    | 27.38 | .469 | 11.91 | .438                 | 11.13 |
| 8                  | --                      | --    | --                      | --    | --                      | --    | --   | --    | --                   | --    |
| 10                 | 1.592                   | 40.44 | .720                    | 18.29 | 1.203                   | 30.56 | .359 | 9.12  | .500                 | 12.70 |
| 12                 | 1.286                   | 32.66 | .974                    | 24.74 | 1.203                   | 30.56 | .422 | 10.72 | .563                 | 14.30 |

| No. of<br>Contacts | E     |        | L     |       | Cable Opening |       | Polarizing<br>Pin |
|--------------------|-------|--------|-------|-------|---------------|-------|-------------------|
|                    | in    | mm     | in    | mm    | in            | mm    |                   |
| 15                 | 2.514 | 63.85  | 1.795 | 45.59 | .563          | 14.30 | NO                |
| 18                 | 2.826 | 71.78  | 2.107 | 53.52 | .563          | 14.30 | NO                |
| 21                 | 3.139 | 79.73  | 2.420 | 61.47 | .625          | 15.88 | NO                |
| 24                 | 3.451 | 87.66  | 2.732 | 69.39 | .625          | 15.88 | 14                |
| 27                 | 3.764 | 95.61  | 3.045 | 77.34 | .625          | 15.88 | 14                |
| 30                 | 4.076 | 103.53 | 3.357 | 85.27 | .750          | 19.05 | 14                |
| 33                 | 4.389 | 111.48 | 3.670 | 93.22 | .750          | 19.05 | 17                |

Marketed exclusively through distribution.

300 Series with Hood and 180° Cable Clamp (CCT)

| No. of<br>Contacts | Catalog No.<br>Plug | Catalog No.<br>Socket |
|--------------------|---------------------|-----------------------|
| 2                  | P-302-CCT           | S-302-CCT             |
| 3                  | P-303-CCT           | S-303-CCT             |
| 4                  | P-304-CCT           | S-304-CCT             |
| 6                  | P-306-CCT           | S-306-CCT             |
| 8                  | N/A                 | N/A                   |
| 10                 | P-310-CCT           | N/A                   |
| 12                 | P-312-CCT           | N/A                   |
| 15                 | P-315-CCT           | S-315-CCT             |
| 18                 | P-318-CCT           | S-318-CCT             |
| 21                 | P-321-CCT           | S-321-CCT             |
| 24                 | P-324-CCT           | S-324-CCT             |
| 27                 | P-327-CCT           | S-327-CCT             |
| 30                 | P-330-CCT           | S-330-CCT             |
| 33                 | P-333-CCT           | S-333-CCT             |



**Dimensions**

| No. of<br>Contacts | A ±.016<br>(.41mm) |       | B ±.016<br>(.41mm) |       | C ±.031<br>(.79mm) |       | "D" Cable<br>Opening |       | E ±.031<br>(.79mm) |       |
|--------------------|--------------------|-------|--------------------|-------|--------------------|-------|----------------------|-------|--------------------|-------|
|                    | in                 | mm    | in                 | mm    | in                 | mm    | in                   | mm    | in                 | mm    |
| 2                  | .691               | 17.55 | -                  | -     | .953               | 24.21 | .375                 | 9.53  | .359               | 9.12  |
| 3                  | 1.034              | 26.26 | .472               | 11.99 | .953               | 24.21 | .313                 | 7.95  | .359               | 9.12  |
| 4                  | .786               | 19.96 | .724               | 18.39 | .953               | 24.21 | .375                 | 9.53  | .469               | 11.91 |
| 6                  | 1.036              | 26.31 | .724               | 18.39 | 1.078              | 27.38 | .438                 | 11.13 | .484               | 12.29 |
| 8                  | --                 | --    | --                 | --    | --                 | --    | --                   | --    | --                 | --    |
| 10                 | 1.592              | 40.44 | .720               | 18.29 | 1.203              | 30.56 | .500                 | 12.70 | .500               | 12.70 |
| 12                 | 1.286              | 32.66 | .974               | 24.74 | 1.203              | 30.56 | .563                 | 14.30 | .469               | 11.91 |

| No. of<br>Contacts | L     |       | Cable Opening |       | Polarizing<br>Pin |
|--------------------|-------|-------|---------------|-------|-------------------|
|                    | in    | mm    | in            | mm    |                   |
| 15                 | 1.795 | 45.59 | .563          | 14.30 | NO                |
| 18                 | 2.107 | 53.52 | .563          | 14.30 | NO                |
| 21                 | 2.420 | 61.47 | .625          | 15.88 | NO                |
| 24                 | 2.732 | 69.39 | .625          | 15.88 | 14                |
| 27                 | 3.045 | 77.34 | .625          | 15.88 | 14                |
| 30                 | 3.357 | 85.27 | .750          | 19.05 | 14                |
| 33                 | 3.670 | 93.22 | .750          | 19.05 | 17                |

Marketed exclusively through distribution.

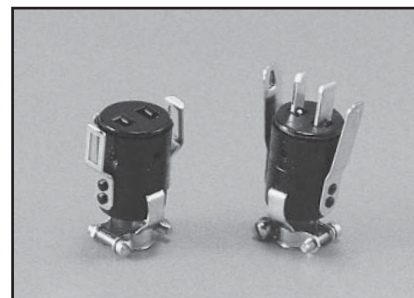
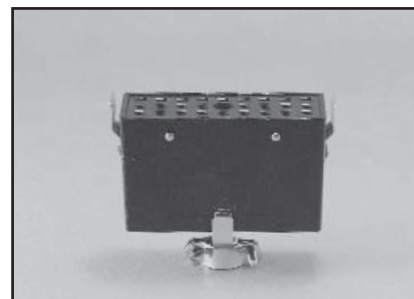
**Jones  
Plugs/Sockets  
Series 300**

Multiple Density  
Solder Eyelet  
180° Clamp w/Locks

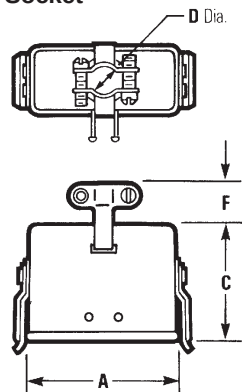
**Cinch**

**300 Series Plug with Hood and Lock (CCT-L) and Socket with Hood and Keeper (CCT-K)**

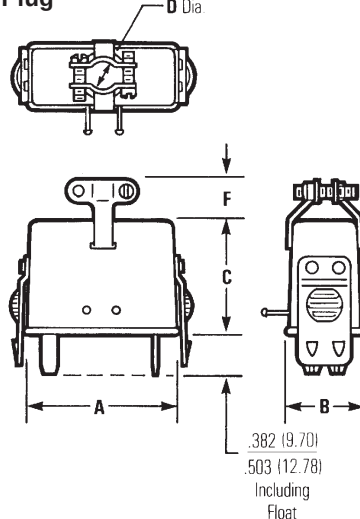
| No. of Contacts | Catalog No.<br>Plug w/ Lock | Catalog No.<br>Socket w/ Keeper |
|-----------------|-----------------------------|---------------------------------|
| 2               | P-302-CCT-L                 | S-302-CCT-K                     |
| 3               | P-303-CCT-L                 | S-303-CCT-K                     |
| 4               | P-304-CCT-L                 | S-304-CCT-K                     |
| 6               | P-306-CCT-L                 | S-306-CCT-K                     |
| 8               | N/A                         | N/A                             |
| 10              | P-310-CCT-L                 | N/A                             |
| 12              | P-312-CCT-L                 | N/A                             |
| 15              | P-315-CCT-L                 | S-315-CCT-K                     |
| 18              | P-318-CCT-L                 | S-318-CCT-K                     |
| 21              | P-321-CCT-L                 | S-321-CCT-K                     |
| 24              | P-324-CCT-L                 | S-324-CCT-K                     |
| 27              | P-327-CCT-L                 | S-327-CCT-K                     |
| 30              | P-330-CCT-L                 | S-330-CCT-K                     |
| 33              | P-333-CCT-L                 | S-333-CCT-K                     |



**Socket**



**Plug**



**Dimensions**

| No. of<br>Contacts | A ±.016<br>(.41mm) |       | B ±.016<br>(.41mm) |       | C ±.031<br>(.79mm) |       | F    |       | "D" Cable<br>Opening |       | Polarizing<br>Pin |
|--------------------|--------------------|-------|--------------------|-------|--------------------|-------|------|-------|----------------------|-------|-------------------|
|                    | in                 | mm    | in                 | mm    | in                 | mm    | in   | mm    | in                   | mm    |                   |
| 2                  | .691               | 17.5  | -                  | -     | .953               | 24.21 | .359 | 9.12  | .375                 | 9.53  | --                |
| 3                  | 1.034              | 26.26 | .472               | 11.99 | .953               | 24.21 | .359 | 9.12  | .313                 | 7.94  | --                |
| 4                  | .786               | 19.96 | .724               | 18.39 | .953               | 24.21 | .469 | 11.91 | .375                 | 9.53  | --                |
| 6                  | 1.036              | 26.31 | .724               | 18.39 | 1.078              | 27.38 | .484 | 12.29 | .438                 | 11.13 | --                |
| 8                  | --                 | --    | --                 | --    | --                 | --    | --   | --    | --                   | --    | --                |
| 10                 | 1.592              | 40.44 | .720               | 18.29 | 1.203              | 30.56 | .500 | 12.70 | .500                 | 12.70 | --                |
| 12                 | 1.286              | 32.66 | .974               | 24.74 | 1.203              | 30.56 | .469 | 11.91 | .563                 | 14.30 | --                |
| 15                 | 1.795              | 45.59 | 1.100              | 27.94 | 1.850              | 46.99 | .712 | 18.08 | .563                 | 14.30 | NO                |
| 18                 | 2.107              | 53.52 | 1.100              | 27.94 | 1.850              | 46.99 | .712 | 18.08 | .563                 | 14.30 | NO                |
| 21                 | 2.420              | 61.47 | 1.100              | 27.94 | 1.850              | 46.99 | .712 | 18.08 | .625                 | 15.88 | NO                |
| 24                 | 2.732              | 69.39 | 1.100              | 27.94 | 1.850              | 46.99 | .712 | 18.08 | .625                 | 15.88 | 14                |
| 27                 | 3.045              | 77.34 | 1.100              | 27.94 | 1.850              | 46.99 | .712 | 18.08 | .625                 | 15.88 | 14                |
| 30                 | 3.357              | 85.27 | 1.100              | 27.94 | 1.850              | 46.99 | .712 | 18.08 | .750                 | 19.05 | 14                |
| 33                 | 3.670              | 93.22 | 1.100              | 27.94 | 1.850              | 46.99 | .712 | 18.08 | .750                 | 19.05 | 17                |

Marketed exclusively through distribution.

JONES PLUGS AND SOCKETS 300 SERIES MATING CHART

PLUGS

| MOUNTING CONFIG. | AB | DB | FP | RP | EB | SB | CCE | CCT | CCT-L | CCT-K | LAB |
|------------------|----|----|----|----|----|----|-----|-----|-------|-------|-----|
| AB               | •* |    | •* |    | •* | •* | •   | •   |       |       | •   |
| DB               |    |    |    |    |    |    |     | •   |       |       | •   |
| FP               | •* |    | •* |    | •* |    | •   | •   |       |       | •   |
| RP               |    |    |    |    |    |    | •   | •   |       |       | •   |
| EB               | •* |    | •* |    | •* |    | •   | •   |       |       | •   |
| SB               | •* |    |    |    | •* | •* | •   | •   |       |       | •   |
| CCE              | •  |    | •  | •  | •  | •  | •   | •   |       |       | •   |
| CCT              | •  | •  | •  | •  | •  | •  | •   | •   |       |       | •   |
| CCT-L            |    |    |    |    |    |    |     |     |       | •     |     |
| CCT-K            |    |    |    |    |    |    |     |     | •     |       |     |
| LAB              | •  | •  | •  | •  | •  | •  | •   | •   | •     | •     | •   |

- These are recommended configurations.
- \* These are possible configurations, but not normally recommended.

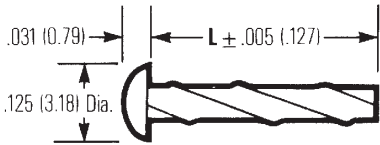
NOTE: Cinch layout S315-12 is available only in “AB” or “LAB”.

Replacement Drive Pins for Series 300 Plugs and Sockets with Cable Caps and Clamps

Dimensions

| No. of<br>Contacts | Dim. L               |       | No. of<br>Contacts | Catalog No. |
|--------------------|----------------------|-------|--------------------|-------------|
|                    | + .005 (.13mm)<br>in | mm    |                    |             |
| 2                  | .687                 | 17.45 | 2                  | 302R        |
| 3                  | .468                 | 11.89 | 3                  | 303R        |
| 4,6,8,10*          | .718                 | 18.24 | 4,6,8,10*          | 304R        |
| 12                 | .953                 | 28.58 | 12                 | 312R        |
| 15-33*             | 1.125                | 28.58 | 15-33*             | 333R        |

\*10 contact size and 15 through 33 contact sizes require two pins per unit; all other sizes require only one.



Marketed exclusively through distribution.



**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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