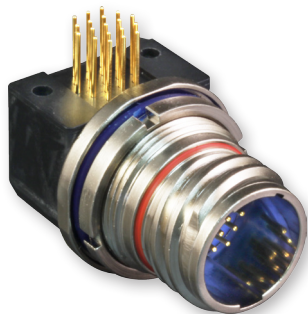




# Series 805 Mighty Mouse Triple-Start ACME Thread Right Angle PCB Receptacle 805-011 Ordering Information



## Right Angle PCB Receptacle

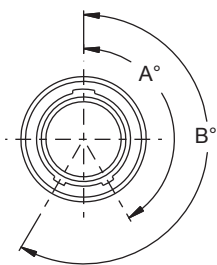
connectors offer military grade performance in a small, lightweight package. These connectors are rated for MIL-STD-810 Method 512 immersion. High temperature thermoplastic housing withstands soldering temperatures. Stainless steel threaded inserts simplify attachment to printed circuit board.

- Triple-Start ACME Thread
- Right Angle Contacts
- High Temperature Housing
- Threaded Inserts
- Environmentally Sealed

## How To Order

| Sample Part Number                |                                                                                     |         |     |   |     |     |
|-----------------------------------|-------------------------------------------------------------------------------------|---------|-----|---|-----|-----|
|                                   |                                                                                     | 805-011 | -07 | M | 8-7 | S A |
| Series                            | 805-011 = PCB Right Angle Receptacle                                                |         |     |   |     |     |
| Shell Style                       | -07 = Jam Nut for Rear Panel Mounting (See Table II)                                |         |     |   |     |     |
| Shell Material and Finish         | C = Aluminum / Black Anodize (Non-Conductive); RoHS Compliant                       |         |     |   |     |     |
|                                   | M = Aluminum / Electroless Nickel; RoHS Compliant                                   |         |     |   |     |     |
|                                   | NF = Aluminum / Cadmium with Olive Drab Chromate                                    |         |     |   |     |     |
|                                   | ZNU = Aluminum / Zinc-Nickel with Black Chromate                                    |         |     |   |     |     |
|                                   | Z1 = Stainless Steel / Passivated; RoHS Compliant                                   |         |     |   |     |     |
| Shell Size - Insert Arrangement   | 8-1, 8-4, 8-6, 8-7, 9-1, 9-10, 10-2, 10-13, 11-4, 11-19, 11-200, 12-2, 12-5, 12-201 |         |     |   |     |     |
| Contact Type                      | P = Pin, PC Tail      S = Socket, PC Tail                                           |         |     |   |     |     |
| Shell Key Positions (See Table I) | A = Normal   B = Pos. B   C = Pos. C   D = Pos. D   E = Pos. E   F = Pos. F         |         |     |   |     |     |

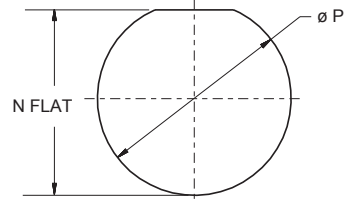
Table I: Key Positions



| Key Position | Key Rotation |      |
|--------------|--------------|------|
|              | A            | B    |
| Normal (A)   | 150°         | 210° |
| B            | 75°          | 210° |
| C            | 95°          | 230° |
| D            | 140°         | 275° |
| E            | 75°          | 275° |
| F            | 95°          | 210° |

Jam Nut Panel Cutout

| Shell Size | A Flat        |               | Ø B           |               |
|------------|---------------|---------------|---------------|---------------|
|            | In.<br>± .002 | mm.<br>± 0.05 | In.<br>± .005 | mm.<br>± 0.13 |
| 8          | .545          | 13.84         | .572          | 14.53         |
| 9          | .671          | 17.04         | .698          | 17.73         |
| 10         | .671          | 17.04         | .698          | 17.73         |
| 11         | .731          | 18.57         | .760          | 19.30         |
| 12         | .794          | 20.17         | .822          | 20.88         |



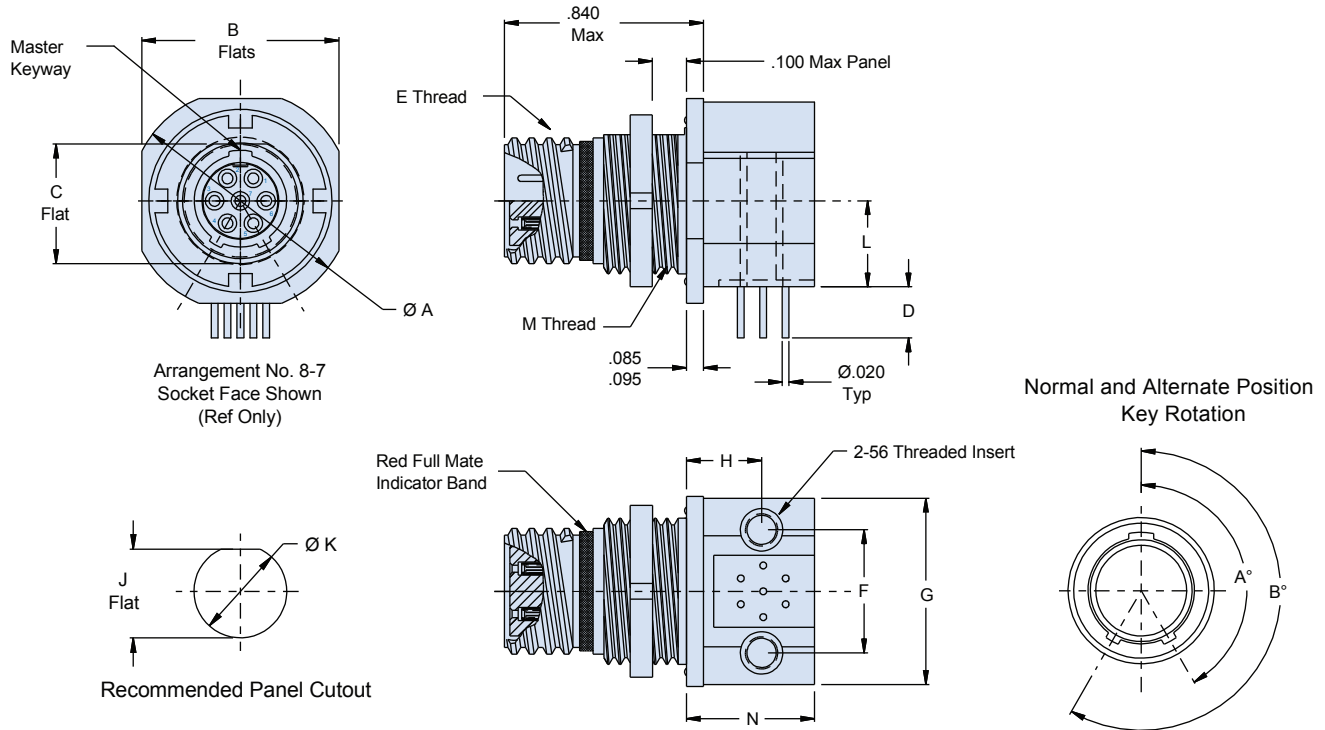
Dimensions in Inches (millimeters) are subject to change without notice.

# Series 805 Mighty Mouse Triple-Start ACME Thread Right Angle PCB Receptacle 805-011 Shell Style -07 Dimensions



Series 805

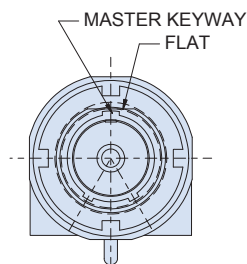
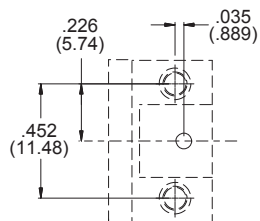
## Jam nut mount receptacle - shell style 07



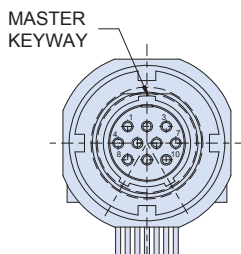
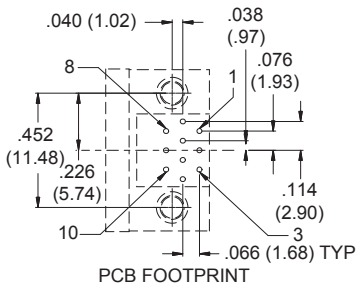
| Dimensions    |       |       |       |       |             |       |         |      |                |      |       |      |       |         |       |                          |       |      |       |      |       |                |      |       |
|---------------|-------|-------|-------|-------|-------------|-------|---------|------|----------------|------|-------|------|-------|---------|-------|--------------------------|-------|------|-------|------|-------|----------------|------|-------|
| Shell<br>Size | A     |       | B     |       | C<br>± .002 |       | D ±.035 |      | E Thread       | F    |       | G    |       | H ±.055 |       | J Flat<br>+.004<br>-.000 |       | Ø K  |       | L    |       | M Thread       | N    |       |
|               | in    | mm    | in    | mm    | in          | mm    | in      | mm   |                | in   | mm    | in   | mm    | in      | mm    | in                       | mm    | in   | mm    | in   | mm    |                | in   | mm    |
| 8-1           | 0.76  | 19.30 | 0.73  | 18.54 | 0.536       | 13.61 | 0.292   | 7.42 | .5000-1P-3L-TS | .385 | 9.78  | .589 | 14.96 | .314    | 7.98  | .542                     | 13.77 | .573 | 14.55 | .225 | 5.72  | .5625-28 UN-2A | .435 | 11.05 |
| 8-4           | 0.76  | 19.30 | 0.73  | 18.54 | 0.536       | 13.61 | 0.292   | 7.42 | .5000-1P-3L-TS | .385 | 9.78  | .589 | 14.96 | .314    | 7.98  | .542                     | 13.77 | .573 | 14.55 | .225 | 5.72  | .5625-28 UN-2A | .435 | 11.05 |
| 8-6<br>8-7    | 0.76  | 19.30 | 0.73  | 18.54 | 0.536       | 13.61 | 0.265   | 6.73 | .5000-1P-3L-TS | .408 | 10.36 | .589 | 14.96 | .277    | 7.04  | .542                     | 13.77 | .573 | 14.55 | .225 | 5.72  | .5625-28 UN-2A | .435 | 11.05 |
| 9-1           | 0.88  | 22.35 | 0.85  | 21.59 | 0.662       | 16.81 | 0.273   | 6.93 | .5625-1P-3L-TS | .452 | 11.48 | .710 | 18.03 | .260    | 6.60  | .668                     | 16.97 | .698 | 17.73 | .296 | 7.52  | .6875-28 UN-2A | .435 | 11.05 |
| 9-10          | 0.88  | 22.35 | 0.85  | 21.59 | 0.662       | 16.81 | 0.273   | 6.93 | .5625-1P-3L-TS | .452 | 11.48 | .710 | 18.03 | .260    | 6.60  | .668                     | 16.97 | .698 | 17.73 | .296 | 7.52  | .6875-28 UN-2A | .435 | 11.05 |
| 10-2          | 0.88  | 22.35 | 0.85  | 21.59 | 0.664       | 16.87 | 0.305   | 7.75 | .6250-1P-3L-TS | .490 | 12.45 | .710 | 18.03 | .320    | 8.13  | .668                     | 16.97 | .698 | 17.73 | .320 | 8.13  | .6875-28 UN-2A | .580 | 14.73 |
| 10-13         | 0.88  | 22.35 | 0.85  | 21.59 | 0.662       | 16.81 | 0.305   | 7.75 | .6250-1P-3L-TS | .490 | 12.45 | .710 | 18.03 | .320    | 8.13  | .668                     | 16.97 | .698 | 17.73 | .320 | 8.13  | .6875-28 UN-2A | .580 | 14.73 |
| 11-4          | 0.952 | 24.18 | 0.925 | 23.50 | 0.722       | 18.34 | 0.24    | 6.10 | .6875-1P-3L-TS | .600 | 15.24 | .800 | 20.32 | .432    | 10.97 | .728                     | 18.49 | .760 | 19.30 | .362 | 9.19  | .7500-28 UN-2A | .580 | 14.73 |
| 11-19         | 0.952 | 24.18 | 0.925 | 23.50 | 0.722       | 18.34 | 0.275   | 6.99 | .6875-1P-3L-TS | .600 | 15.24 | .800 | 20.32 | .432    | 10.97 | .728                     | 18.49 | .760 | 19.30 | .362 | 9.19  | .7500-28 UN-2A | .580 | 14.73 |
| 11-200        | 0.952 | 24.18 | 0.925 | 23.50 | 0.722       | 18.34 | 0.255   | 6.48 | .6875-1P-3L-TS | .600 | 15.24 | .800 | 20.32 | .432    | 10.97 | .728                     | 18.49 | .760 | 19.30 | .362 | 9.19  | .7500-28 UN-2A | .580 | 14.73 |
| 12-2          | 1.06  | 26.92 | 1.035 | 26.29 | 0.784       | 19.91 | 0.299   | 7.59 | .7500-1P-3L-TS | .640 | 16.26 | .840 | 21.34 | .452    | 11.48 | .790                     | 20.07 | .823 | 20.90 | .397 | 10.08 | .8125-28 UN-2A | .660 | 16.76 |
| 12-5          | 1.06  | 26.92 | 1.035 | 26.29 | 0.784       | 19.91 | 0.255   | 6.48 | .7500-1P-3L-TS | .640 | 16.26 | .840 | 21.34 | .452    | 11.48 | .790                     | 20.07 | .823 | 20.90 | .397 | 10.08 | .8125-28 UN-2A | .660 | 16.76 |
| 12-201        | 1.06  | 26.92 | 1.035 | 26.29 | 0.784       | 19.91 | 0.294   | 7.47 | .7500-1P-3L-TS | .640 | 16.26 | .840 | 21.34 | .452    | 11.48 | .790                     | 20.07 | .823 | 20.90 | .397 | 10.08 | .8125-28 UN-2A | .660 | 16.76 |

Dimensions in Inches (millimeters) are subject to change without notice.

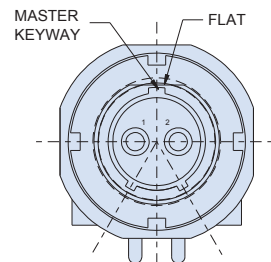
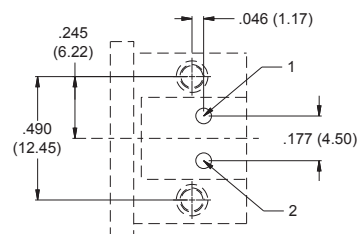
# Series 805 Mighty Mouse Triple-Start ACME Thread Right Angle PCB Receptacle 805-011 Shell Style -07 Dimensions



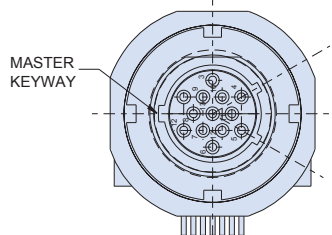
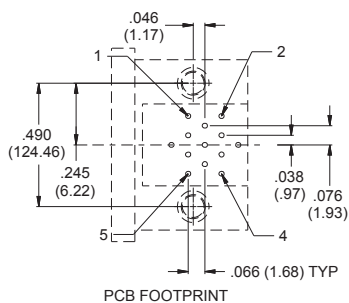
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(PIN FACE OPPOSITE)



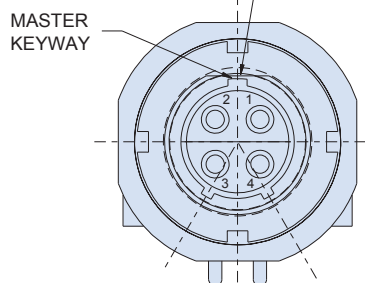
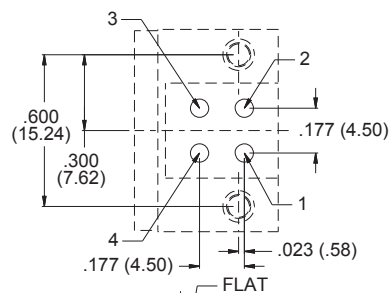
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SOCKET FACE SHOWN  
(PIN FACE OPPOSITE)



ARRANGEMENT NO. 10-2  
(2 #16 CONTACTS)  
SOCKET FACE SHOWN  
(PIN FACE OPPOSITE)



ARRANGEMENT NO. 10-13  
(13 #23 CONTACTS)  
SOCKET FACE SHOWN  
(PIN FACE OPPOSITE)

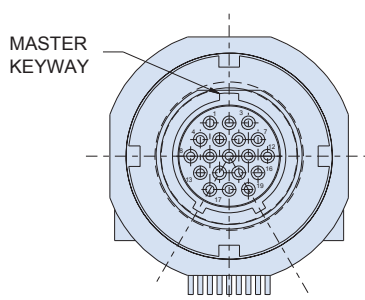
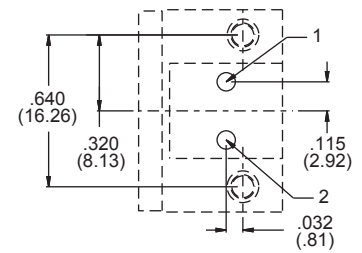
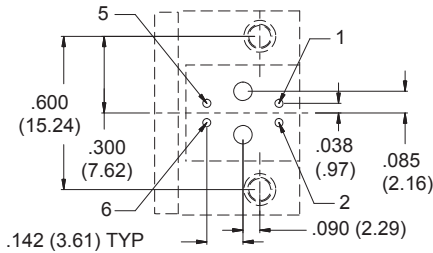
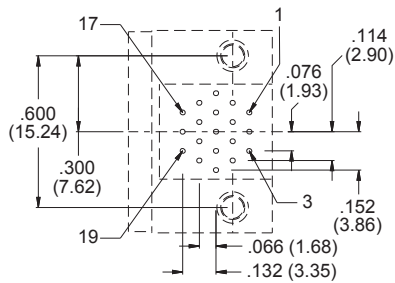


ARRANGEMENT NO. 11-4  
(4 #16 CONTACTS)  
SOCKET FACE SHOWN  
(PIN FACE OPPOSITE)

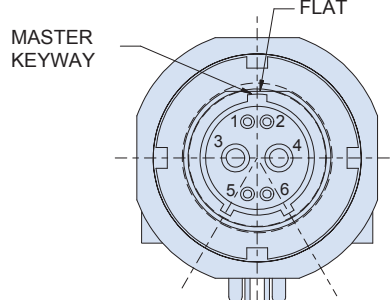
Dimensions in Inches (millimeters) are subject to change without notice.

# Series 805 Mighty Mouse Triple-Start ACME Thread Right Angle PCB Receptacle 805-011 Shell Style -07 Dimensions

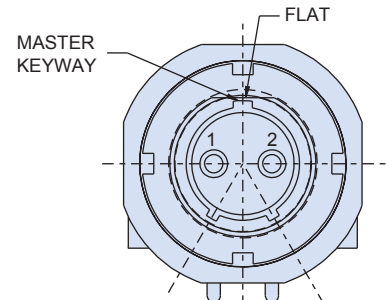
Series 805



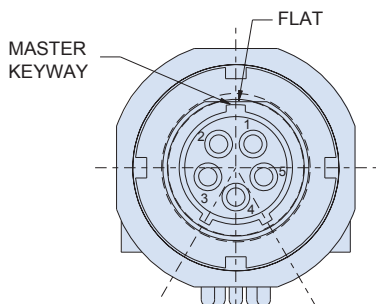
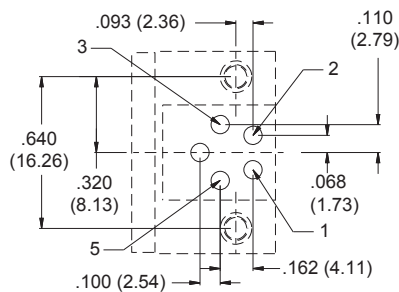
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(19 #23 CONTACTS)  
SOCKET FACE SHOWN



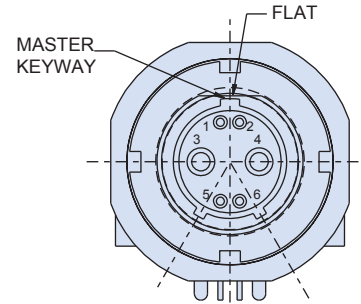
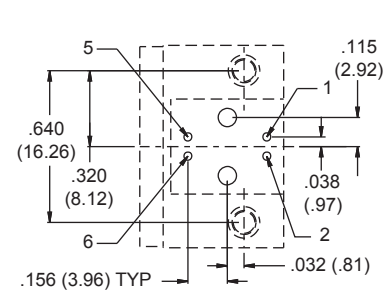
ARRANGEMENT NO. 11-200  
(2 #16, 4 #23 CONTACTS)  
SOCKET FACE SHOWN  
PIN FACE OPPOSITE)



ARRANGEMENT NO. 12-2  
(2 #12 CONTACTS)  
SOCKET FACE SHOWN



ARRANGEMENT NO. 12-5  
(5 #16 CONTACTS)  
SOCKET FACE SHOWN



ARRANGEMENT NO. 12-201  
(2 #12, 4 #23 CONTACTS)  
SOCKET FACE SHOWN  
(PIN FACE OPPOSITE)

Dimensions in Inches (millimeters) are subject to change without notice.