



Series 805 Mighty Mouse Triple-Start ACME Thread PCB or Solder Cup Receptacle

805-005 and 805-017 Ordering Information



Printed Circuit Board/Solder Cup Receptacles feature low profile shells for minimum protrusion inside enclosures and integral standoffs for board washout. Contacts are non-removable.

Water Immersion, Unmated Specify 805-005 connectors for applications where open face water immersion is not a requirement. For MIL-STD-810 Method 512G immersion requirements, specify 805-017 watertight connectors. These 805-017 connectors are specially sealed ("MOD-518") and are 100% tested to maintain a helium leak rate of 1×10^{-4} cc/second at one atmosphere pressure differential from -40° C to $+70^{\circ}$ C.

| How To Order | | | | | | | |
|------------------------------------|---|---|------------|----------|--------------|----------|----------|
| Sample Part Number | | 805-017 | -07 | M | 10-13 | P | B |
| Series | 805-005 = Receptacle with Standard Epoxy Potting 805-017 = Receptacle with Special "MOD-518" Sealing For Open Face (unmated) Water Immersion Requirements. 100% Leak Tested. | | | | | | |
| Shell Style (See Table I) | -02 = Square Flange Front or Rear Mount -12 = Square Flange Rear Mount Non-Locking Clinch Nuts -22 = Square Flange Rear Mount Locking Clinch Nuts -07 = Jam Nut Rear Panel Mount | | | | | | |
| Shell Material and Finish | C = Aluminum / Black Anodize (Non-Conductive); RoHS Compliant M = Aluminum / Electroless Nickel; RoHS Compliant MT = Aluminum / Nickel-PTFE RoHS Compliant NF = Aluminum / Cadmium with Olive Drab Chromate ZNU = Aluminum / Zinc-Nickel with Black Chromate Z1 = Stainless Steel / Passivated; RoHS Compliant ZB = Stainless Steel / Olive Drab Chromate over Cadmium ZC = Stainless Steel / Zinc Cobalt Alloy/Black Chromate | | | | | | |
| Shell Size - Insert Arrangement | See Contact Arrangements Page H-2 | | | | | | |
| Contact Type | P = Pin, PC Tail S = Socket, PC Tail | E = Pin, Solder Cup F = Socket, Solder Cup | | | | | |
| Shell Key Positions (See Table II) | A = Normal B = Pos. B C = Pos. C D = Pos. D E = Pos. E F = Pos. F | | | | | | |

H

| Table I: Shell Style | |
|---------------------------------------|-----------------------|
| | |
| -02, -12, -22 Square Flange | -07 Jam Nut |

| Table II: 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° |

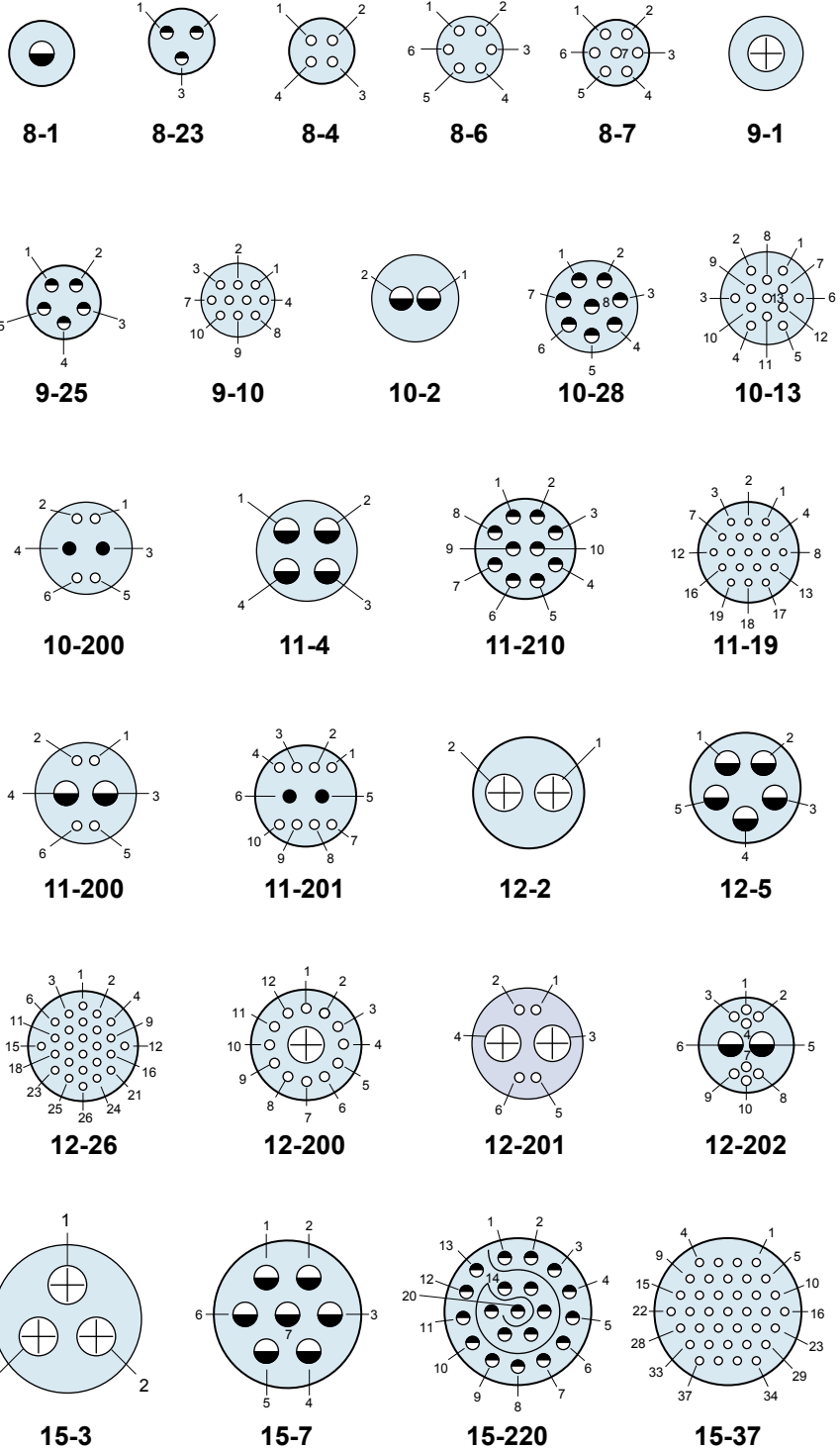
Dimensions in Inches (millimeters) are subject to change without notice.



Series 805 Mighty Mouse Triple-Start Threaded Coupling Contact Arrangements

| Contact Arrangements | | | | | | |
|----------------------|-----------------|-----|-------|-----|------|------|
| Contact Arr. | No. of Contacts | | | | | |
| | #23 | #20 | #20HD | #16 | #12* | #8** |
| 8-1 | | | | 1 | | |
| 8-23 | | | 3 | | | |
| 8-4 | 4 | | | | | |
| 8-6 | 6 | | | | | |
| 8-7 | 7 | | | | | |
| 9-1 | | | | | 1 | |
| 9-25 | | | 5 | | | |
| 9-10 | 10 | | | | | |
| 10-2 | | | | 2 | | |
| 10-28 | | | 8 | | | |
| 10-13 | 13 | | | | | |
| 10-200 | 4 | 2 | | | | |
| 11-4 | | | | 4 | | |
| 11-210 | | | 10 | | | |
| 11-19 | 19 | | | | | |
| 11-200 | 4 | | | 2 | | |
| 11-201 | 8 | 2 | | | | |
| 12-2 | | | | | 2 | |
| 12-5 | | | | 5 | | |
| 12-26 | 26 | | | | | |
| 12-200 | 12 | | | | 1 | |
| 12-201 | 4 | | | | 2 | |
| 12-202 | 8 | | | 2 | | |
| 13-31 | 31 | | | | | |
| 15-2 | | | | | 2 | |
| 15-3 | | | | | 3 | |
| 15-7 | | | | 7 | | |
| 15-220 | | | 20 | | | |

Mating Face View of Pin Connector (socket connector numbers are reversed)



*Arrangements with #12 contacts and available with keyed Twinax contacts. Use mode code -688

**Combo inserts using size #8 and #23 contacts order size #23, 857-034 socket or 809-335 pin contacts

Contact Legend

#23 ◯ #20HD ◯ #20 ● #16 ◯ #12 ⊕

H

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

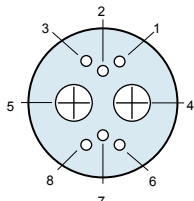
Series 805 Mighty Mouse Triple-Start Threaded Coupling Contact Arrangements



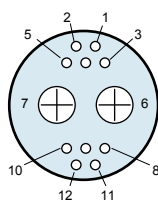
Series 805

| Contact Arrangements | | | | | | |
|----------------------|-----------------|-----|-------|-----|------|------|
| Contact Arr. | No. of Contacts | | | | | |
| | #23 | #20 | #20HD | #16 | #12* | #8** |
| 15-37 | 37 | | | | | |
| 15-200 | 6 | | | | 2 | |
| 15-201 | 10 | | | | 2 | |
| 15-202 | 20 | | | 2 | | |
| 15-203 | 12 | | | 4 | | |
| 15-204 | 12 | | | | 2 | |
| 15-205 | 4 | | | | 4 | |
| 18-5 | | | | | 5 | |
| 18-12 | | | | 12 | | |
| 18-235 | | | 35 | | | |
| 18-55 | 55 | | | | | |
| 18-204 | 40 | | | 2 | | |
| 18-205 | 32 | | | 4 | | |
| 18-206 | 34 | | | 2 | | |
| 18-207 | 20 | | | 4 | | |
| 18-208 | 32 | | | | | 1 |
| 19-7 | | | | | 7 | |
| 19-14 | | | | 14 | | |
| 19-241 | | | 41 | | | |

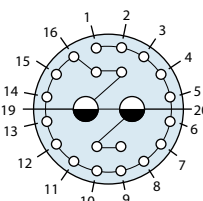
Mating Face View of Pin Connector (socket connector numbers are reversed)



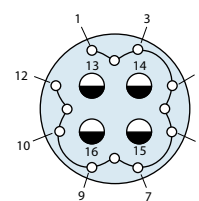
15-200



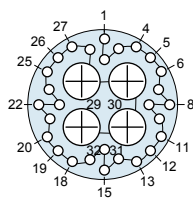
15-201



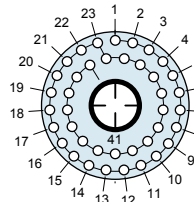
15-202



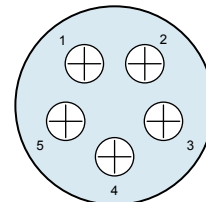
15-203



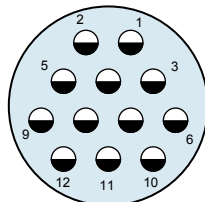
15-204



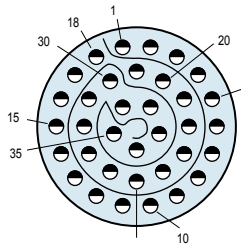
15-205



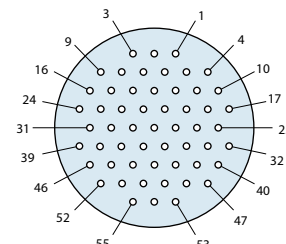
18-5



18-12



18-235



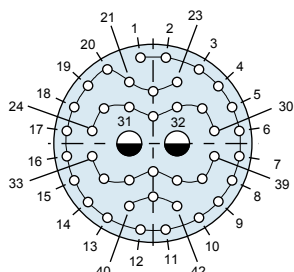
18-55

*Arrangements with #12 contacts and available with keyed Twinax contacts. Use mode code -688

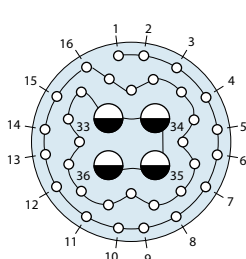
**Combo inserts using size #8 and #23 contacts order size #23, 857-034 socket or 809-335 pin contacts

Contact Legend

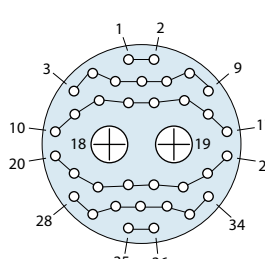
#23 ◦ #20HD ◐ #20 ● #16 ◑ #12 ⊕



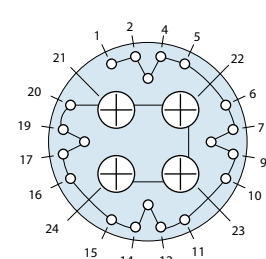
18-204



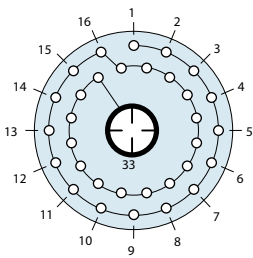
18-205



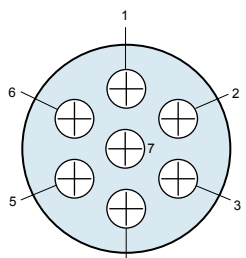
18-206



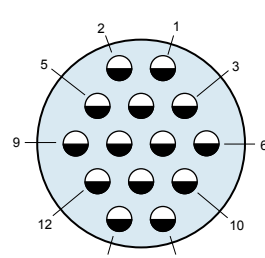
18-207



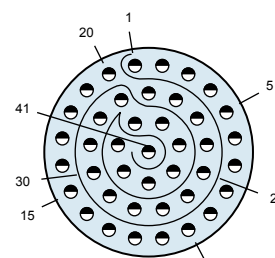
18-208



19-7



19-14



19-241

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

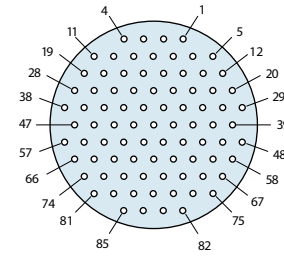




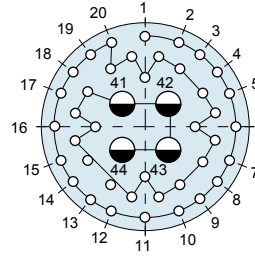
Series 805 Mighty Mouse Triple-Start Threaded Coupling Contact Arrangements

| Contact Arrangements | | | | | | |
|----------------------|-----------------|-----|-------|-----|------|------|
| Contact Arr. | No. of Contacts | | | | | |
| | #23 | #20 | #20HD | #16 | #12* | #8** |
| 19-85 | 85 | | | | | |
| 19-203 | 40 | | | 4 | | |
| 19-204 | 28 | | | | 4 | |
| 19-205 | | | | | | |
| 21-19 | | | | 19 | | |
| 21-255 | | | 55 | | | |
| 21-100 | 100 | | | | | |
| 21-201 | 44 | | | | | 2 |
| 21-202 | 12 | | | | | 4 |
| 23-12 | | | | | 12 | |
| 23-22 | | | | 22 | | |
| 23-269 | | | 69 | | | |
| 23-130 | 130 | | | | | |
| 23-200 | 28 | | | | | 4 |

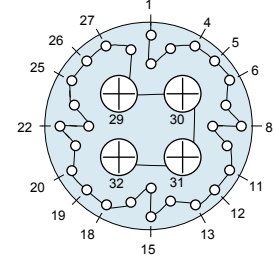
Mating Face View of Pin Connector
(socket connector numbers are reversed)



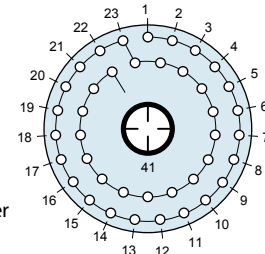
19-85



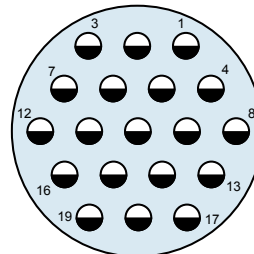
19-203



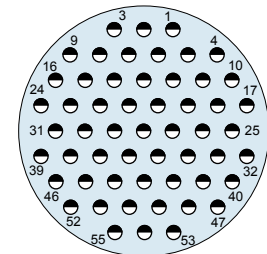
19-204



19-205



21-19

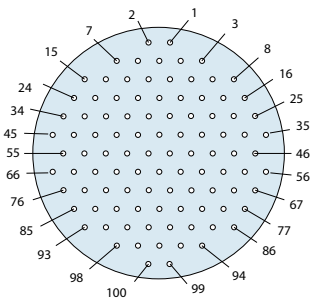


21-255

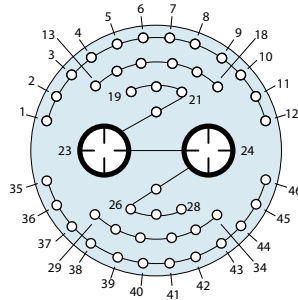
*Arrangements with #12 contacts and available with keyed Twinax contacts. Use mode code -688
**Combo inserts using size #8 and #23 contacts order size #23, 857-034 socket or 809-335 pin contacts.

Contact Legend

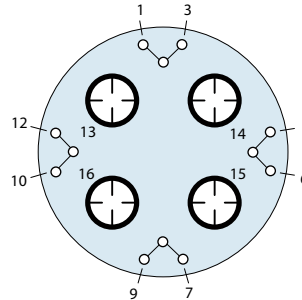
#23 ◯ #20HD ◯ #20 ● #16 ● #12 ⊕



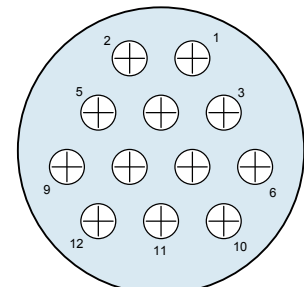
21-100



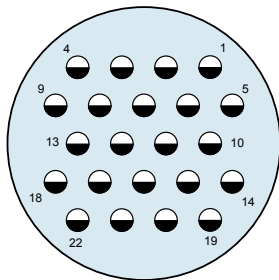
21-201



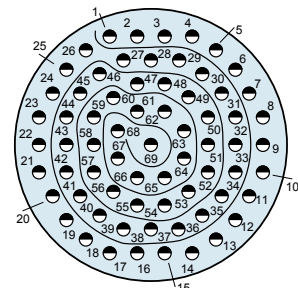
21-202



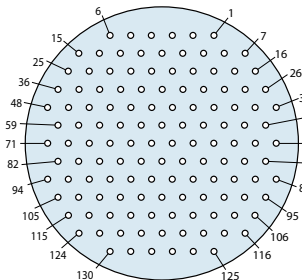
23-12



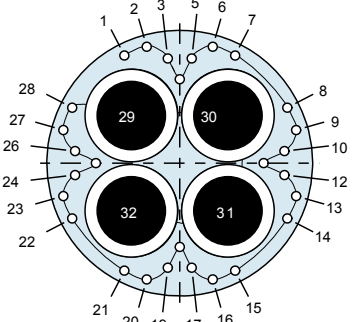
23-22



23-269



23-130



23-200

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Glenair:

[805-005-07NF9-10PA](#) [805-005-07M10-2PA](#) [805-005-07NF11-19PB](#) [805-005-07NF18-55PA](#) [805-005-07NF8-7EB](#)
[805-005-07NF15-37PA](#) [805-005-02M10-13PA](#) [805-005-02M10-13SA](#) [805-005-02M11-19PA](#) [805-005-02M15-37SA](#)
[805-005-02M15-7EA](#) [805-005-02M15-7FA](#) [805-005-02M18-55PA](#) [805-005-02M18-55SA](#) [805-005-02M19-85SA](#) [805-](#)
[005-02M8-4PA](#) [805-005-02M9-10PA](#) [805-005-07M10-13PA](#) [805-005-07M11-19PA](#) [805-005-07M11-19SA](#) [805-005-](#)
[07M12-26PA](#) [805-005-07M15-37SA](#) [805-005-07M8-4SA](#) [805-005-07M8-7SA](#) [805-005-07M9-10PA](#) [805-005-07NF10-](#)
[13SA](#) [805-005-07NF11-19PA](#) [805-005-07NF11-19SA](#) [805-005-07NF12-26SA](#) [805-005-07NF19-85PA](#) [805-005-](#)
[07NF8-4FA](#) [805-005-07NF8-4PA](#) [805-005-07NF8-4SA](#) [805-005-07NF8-7PA](#) [805-005-07NF8-7SA](#) [805-005-07NF9-](#)
[10SA](#) [805-005-07NF9-10SB](#) [805-005-07M9-10PB](#) [805-005-07M15-220SA](#) [805-005-02M8-23PA](#) [805-017-07NF12-](#)
[26SA](#) [805-005-07NF15-201SA](#) [805-005-07NF12-5PB](#) [805-005-07NF11-4PB](#) [805-005-07NF12-26SB](#) [805-005-](#)
[07NF10-200SB](#) [805-005-07NF11-4PC](#) [805-005-07NF11-4SD](#) [805-005-07NF11-4PA](#) [805-005-07M9-10PC](#) [805-005-](#)
[07NF19-85SA](#) [805-017-07NF11-4EA](#) [805-005-07NF11-4PD](#) [805-005-07M15-3EA](#) [805-005-07M23-22SA](#) [805-005-](#)
[07M9-10EA](#) [805-005-07NF8-23SD](#) [805-005-07ZNU12-26SA](#) [805-005-07Z118-55SA](#) [805-005-07NF8-23SB](#) [805-005-](#)
[07NF15-37PB](#) [805-005-07M10-28SA](#) [805-005-07ZNU9-10SA](#) [805-005-07M12-201SA](#) [805-005-07NF10-13SB](#) [805-](#)
[005-07M11-19SC](#) [805-017-07MT18-55SB](#) [805-005-07NF12-26PA](#) [805-005-07M12-26PB](#) [805-005-07M8-7PB](#) [805-](#)
[005-07M11-4PA](#) [805-017-07NF11-19PA](#) [805-005-07ZNU11-19PA](#) [805-005-07NF18-55SA](#) [805-005-07M11-4EA](#) [805-](#)
[005-07NF8-4SB](#) [805-005-07ZNU15-37SA](#) [805-005-07ZNU15-220SA](#) [805-005-07MT11-19PA](#) [805-005-07NF15-7PA](#)
[805-005-07ZNU19-85SA](#) [805-005-07NF11-19PC](#)