



# Series 800 Mighty Mouse UN Mating Thread Inline and Panel Mount Receptacles 800-010 and 800-011 Ordering Information

**In-Line****Square Flange****Rear Panel Jam Nut**

**Integral Band Platform** for direct attachment of a cable shield using a Band-Master™ ATS strap. Install a boot, or overmold onto the band platform. An accessory thread is available for attaching strain reliefs and backshells.

**Three Shell Options:** Jam nut with o-ring for rear panel mounting, square flange or in-line receptacle for free-hanging cables.

C

| How To Order                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |   |     |   |   |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|-----|---|---|
| Sample Part Number                 | 800-011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -01 | M | 6-7 | P | N |
| Series (See Table I)               | <b>800-010</b> = With Banding Platform<br><b>800-011</b> = With Accessory Thread                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |   |     |   |   |
| Shell Style (See Table II)         | <b>-01</b> = In-Line<br><b>-02</b> = Square Flange for Front or Rear Mounting<br><b>-07</b> = Jam Nut for Rear Panel Mounting (See Jam Nut Panel Cutout Dimensions Page C-3)                                                                                                                                                                                                                                                                                                                                                                                                |     |   |     |   |   |
| Shell Material and Finish          | <b>C</b> = Aluminum / Black Anodize (Non-Conductive) RoHS Compliant<br><b>M</b> = Aluminum / Electroless Nickel RoHS Compliant<br><b>NF</b> = Aluminum / Cadmium with Olive Drab Chromate<br><b>ZNU</b> = Aluminum / Zinc-Nickel with Black Chromate<br><b>MT</b> = Aluminum / Nickel-PTFE RoHS Compliant<br><b>Z1</b> = Stainless Steel / Passivated RoHS Compliant                                                                                                                                                                                                        |     |   |     |   |   |
| Shell Size - Insert Arrangement    | See Contact Arrangements page C-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |   |     |   |   |
| Contact Type                       | <div> <b>Connector supplied with crimp contacts</b><br/> <b>P</b> = Pin<br/> <b>S</b> = Socket<br/>           Connectors with contacts are supplied with signal and/or power crimp contacts. These contacts are not installed. Coaxial contacts and non-standard signal contacts are ordered separately.         </div> <div> <b>Connector supplied without contacts</b><br/> <b>A</b> = Pin Connector<br/> <b>B</b> = Socket Connector         </div> <div> <b>Connector supplied with 30 AWG crimp contacts</b><br/> <b>G</b> = Pin<br/> <b>H</b> = Socket         </div> |     |   |     |   |   |
| Shell Key Position (See Table III) | <b>N</b> = Normal <b>X</b> = Pos. X <b>Y</b> = Pos. Y <b>Z</b> = Pos. Z                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |   |     |   |   |

**Table I: Series**

|                                                    |                                                    |
|----------------------------------------------------|----------------------------------------------------|
|                                                    |                                                    |
| <b>800-010</b><br>Receptacle with Banding Platform | <b>800-011</b><br>Receptacle with Accessory Thread |

**Table II: Shell Style**

|                       |                                              |                                               |
|-----------------------|----------------------------------------------|-----------------------------------------------|
|                       |                                              |                                               |
| <b>-01</b><br>In-Line | <b>-02</b><br>Square Flange or Rear Mounting | <b>-07</b><br>Jam Nut for Rear Panel Mounting |

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



# Series 800 Mighty Mouse with UN Mating Thread Contact Arrangements, Keyway Positions and Jam Nut Panel Cutout Dimensions

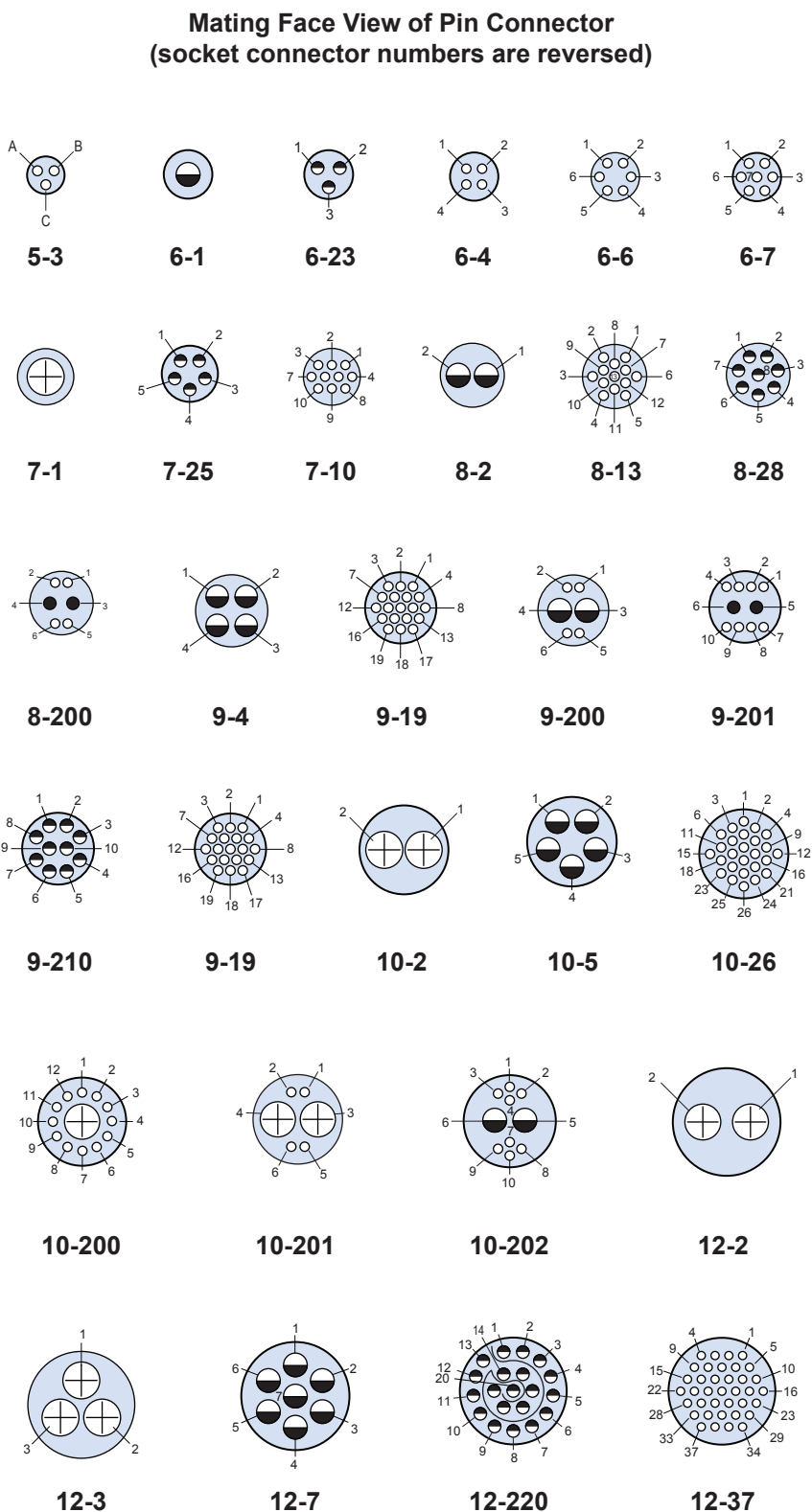
## Contact Arrangements

| Contact Arr. | No. of Contacts |     |       |     |      |
|--------------|-----------------|-----|-------|-----|------|
|              | #23             | #20 | #20HD | #16 | #12* |
| 5-3          | 3               |     |       |     |      |
| 6-1          |                 |     |       | 1   |      |
| 6-23         |                 |     | 3     |     |      |
| 6-4          | 4               |     |       |     |      |
| 6-6          | 6               |     |       |     |      |
| 6-7          | 7               |     |       |     |      |
| 7-1          |                 |     |       |     | 1    |
| 7-25         |                 |     | 5     |     |      |
| 7-10         | 10              |     |       |     |      |
| 8-2          |                 |     |       | 2   |      |
| 8-13         | 13              |     |       |     |      |
| 8-28         |                 |     | 8     |     |      |
| 8-200        | 4               | 2   |       |     |      |
| 9-4          |                 |     |       | 4   |      |
| 9-210        |                 |     | 10    |     |      |
| 9-19         | 19              |     |       |     |      |
| 9-200        | 4               |     |       | 2   |      |
| 9-201        | 8               | 2   |       |     |      |
| 10-2         |                 |     |       |     | 2    |
| 10-5         |                 |     |       | 5   |      |
| 10-26        | 26              |     |       |     |      |
| 10-200       | 12              |     |       |     | 1    |
| 10-201       | 4               |     |       |     | 2    |
| 10-202       | 8               |     |       | 2   |      |
| 12-2         |                 |     |       |     | 2    |
| 12-3         |                 |     |       |     | 3    |
| 12-7         |                 |     |       | 7   |      |
| 12-220       |                 |     | 20    |     |      |
| 12-37        | 37              |     |       |     |      |
| 12-200       | 6               |     |       |     | 2    |
| 12-201       | 10              |     |       |     | 2    |
| 12-202       | 20              |     |       |     |      |
| 12-203       | 12              |     |       |     |      |
| 12-204       | 12              |     |       |     | 2    |
| 12-205       | 4               |     |       |     | 4    |

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

## Contact Legend

#23◉ #20HD◉ #20● #16◐ #12⊕



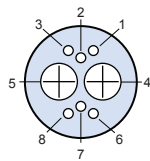
Dimensions in Inches (millimeters) are subject to change without notice.

# Series 800 Mighty Mouse with UN Mating Thread Contact Arrangements, Keyway Positions and Jam Nut Panel Cutout Dimensions

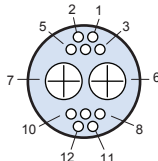


Series 800

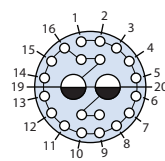
## Mating Face View of Pin Connector (socket connector numbers are reversed)



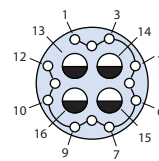
12-200



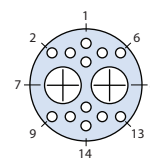
12-201



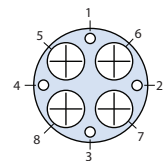
12-202



12-203



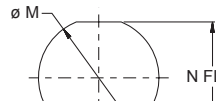
12-204



12-205

|                                                                                                                                                                                                 |      |      |      |      | Series 800 Key Positions        |                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|---------------------------------|-----------------------------------|
| Shell Size                                                                                                                                                                                      | N    | X    | Y    | Z    |                                 |                                   |
| 5                                                                                                                                                                                               | 150° | 140° | 130° | 120° |                                 |                                   |
| 6                                                                                                                                                                                               |      |      |      |      |                                 |                                   |
| 7                                                                                                                                                                                               |      |      |      |      |                                 |                                   |
| 8                                                                                                                                                                                               |      |      |      |      |                                 |                                   |
| 9                                                                                                                                                                                               |      |      |      |      |                                 |                                   |
| 10                                                                                                                                                                                              |      |      |      |      |                                 |                                   |
| 12                                                                                                                                                                                              |      |      |      |      |                                 |                                   |
| <p><b>Shell size 5 and 6:</b> master key is located at top dead center for normal (N) position.</p> <p><b>Shell size 7 thru 12:</b> master key is rotated 90° from TDC for normal position.</p> |      |      |      |      | Shell Size 5 and 6 Key Position | Shell Size 7 thru 12 Key Position |

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| Jam Nut Panel Cut Out |      |       |           |             |  |
|-----------------------|------|-------|-----------|-------------|--------------------------------------------------------------------------------------|
| Shell Size            | Ø M  |       | N Flat    |             |                                                                                      |
|                       | in   | mm    | in        | mm          |                                                                                      |
| 5                     | .318 | 8.08  | .302/.298 | 7.67/7.56   |                                                                                      |
| 6                     | .386 | 9.80  | .365/.361 | 9.27/9.17   |                                                                                      |
| 7                     | .449 | 11.40 | .429/.424 | 10.90/10.77 |                                                                                      |
| 8                     | .510 | 12.95 | .486/.482 | 12.34/12.24 |                                                                                      |
| 9                     | .574 | 14.58 | .543/.539 | 13.79/13.69 |                                                                                      |
| 10                    | .635 | 16.13 | .617/.613 | 15.67/15.57 |                                                                                      |
| 12                    | .760 | 19.30 | .725/.721 | 18.41/18.31 |                                                                                      |

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