

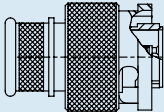
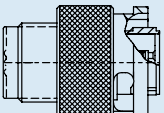
# Series 803 Mighty Mouse ¼ Turn Bayonet Coupling Plug Connector Ordering Information

803-001 and 803-002



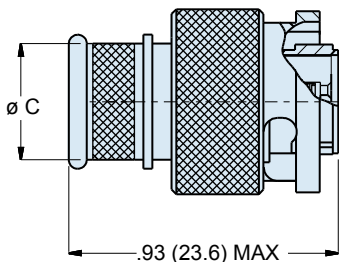
**Series 803 Plugs**

Series 803 connectors have compact size and rugged design and are suitable for light-to-medium duty applications where water immersion is not a consideration. Splashproof design withstands exposure to rain and condensation. Bayonet coupling mechanism uses a rotating coupling nut on the plug and three integral bayonet pins on the receptacle. Push to mate, then rotate the coupling nut 90° to lock. Connector shells are machined aluminum or stainless steel. Supplied with crimp contacts, packaged separately. Terminate contacts with standard M22520 tools. Metal clips inside the connector body lock contact into place. Contacts are removable. Fluorosilicone seals and rear grommet protect connector from water ingress. Terminate cable shield directly to connector body with BAND-IT® strap, or choose rear accessory thread to attach optional cable clamp or backshell. Available in shell sizes 5 through 14 in 35 contact arrangements.

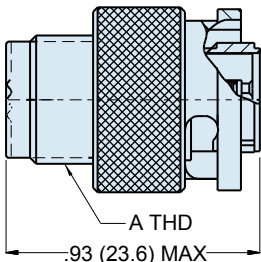
| HOW TO ORDER                                                                                                                                                                                                                                                                                                                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Sample Part Number                                                                                                                                                                                                                                                                                                                                  |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                      |
| 803-001                                                                                                                                                                                                                                                                                                                                             | -06                | NF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 9-19                                           | P                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | N                                                                                                    |
| Series                                                                                                                                                                                                                                                                                                                                              | Shell Style        | Shell Material / Finish                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Shell Size- Insert Arrangement                 | Contact Type                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Shell Key Position                                                                                   |
|  <p><b>803-001</b><br/>Crimp Contact, Banding Platform for Direct Attachment of Cable Shield and Overmold</p>  <p><b>803-002</b><br/>Crimp Contact, Rear Accessory Thread</p> | <b>-06</b><br>Plug | <p><b>C</b><br/>Aluminum / Black Anodize (Non-Conductive)<br/>RoHS Compliant</p> <p><b>M</b><br/>Aluminum / Electroless Nickel<br/>RoHS Compliant</p> <p><b>NF</b><br/>Aluminum / Cadmium with Olive Drab Chromate</p> <p><b>ZN</b><br/>Aluminum / Zinc-Nickel with Olive Drab Chromate</p> <p><b>ZNU</b><br/>Aluminum / Zinc-Nickel with Black Chromate</p> <p><b>MT</b><br/>Aluminum / Nickel-PTFE<br/>RoHS Compliant</p> <p><b>Z1</b><br/>Stainless Steel / Passivated<br/>RoHS Compliant</p> | SEE<br><b>CONTACT ARRANGEMENTS</b><br>PAGE F-2 | <p><b>Connector supplied with contacts</b></p> <p><b>P</b><br/>Pin</p> <p><b>S</b><br/>Socket</p> <p><b>Connector supplied without contacts</b></p> <p><b>A</b><br/>Pin Connector, less contacts</p> <p><b>B</b><br/>Socket Connector, less contacts</p> <p>Connectors with contacts are supplied with signal and/or power crimp contacts. These contacts are not installed.</p> <p>Coaxial contacts and non-standard signal contacts are ordered separately.</p> | <p><b>N</b><br/>Normal</p> <p>Alternate Key Positions:</p> <p><b>X</b><br/><b>Y</b><br/><b>Z</b></p> |
|                                                                                                                                                                                                                                                                                                                                                     |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                      |



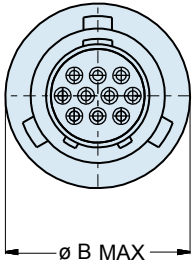
Series 803 Mighty Mouse ¼ Turn Bayonet Coupling  
Plug Connector Dimensions  
803-001-06 and 803-002-06



Integral Band Platform  
803-001



Accessory Thread  
803-002



| DIMENSIONS |                     |         |       |      |       |
|------------|---------------------|---------|-------|------|-------|
| Shell Size | A Thread<br>UNEF-2A | Ø B Max |       | Ø C  |       |
|            |                     | In.     | mm.   | In.  | mm.   |
| 5          | .2500-32            | .500    | 12.70 | .245 | 6.22  |
| 6          | .3125-32            | .565    | 14.35 | .290 | 7.37  |
| 7          | .4375-28            | .650    | 16.51 | .390 | 9.91  |
| 8          | .5000-28            | .750    | 19.05 | .440 | 11.18 |
| 9          | .5625-24            | .790    | 20.07 | .500 | 12.70 |
| 10         | .6250-24            | .875    | 22.23 | .562 | 14.27 |
| 12         | .6875-24            | .944    | 23.98 | .650 | 16.51 |
| 14         | .9375-20            | 1.095   | 27.81 | .805 | 20.45 |

| SERIES 803 PLUG KEY POSITIONS |      |      |  |
|-------------------------------|------|------|--|
| Pos.                          | A°   | B°   |  |
| N                             | 150° | 210° |  |
| X                             | 75°  | 210° |  |
| Y                             | 95°  | 230° |  |
| Z                             | 140° | 275° |  |

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