

Series 800 "Mighty Mouse" Original UNF Threaded Coupling

Series 800 Plug Connectors



Series 800 Plug Connector

Compact Size saves space and weight. Smaller than other Series 800 plugs, these Series 800 plugs are suitable for hostile environments and are watertight when mated.





Two Shell Styles: Integral platform for direct shield attachment using **BAND-IT®** termination system, or accessory thread for attaching a strain relief.

Crimp, Rear Release contact system, now with #12 and #16 M39029 coaxial or power contacts.

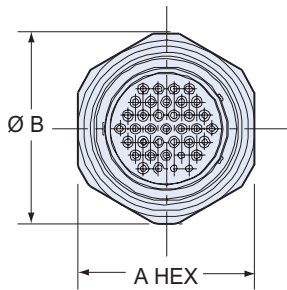
Two Coupling Nut Styles: Hex nut or round knurled nut. Either style is available with optional wave spring which helps to prevent the nut from backing off.

HOW TO ORDER

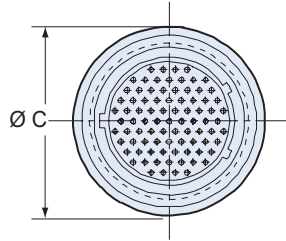
Sample Part Number

| 800-006 | -06 | M | 7-10 | P | Z |
|---|--|--|--|---|--|
| Series | Shell Style | Shell Material / Finish | Shell Size- Insert Arrangement | Contact Type | Shell Key Position |
|  800-006 Hex Plug with Banding Platform | -06 Standard Coupling Nut -16 Coupling Nut with Anti-Decoupling Wave Spring | C Aluminum / Black Anodize M Aluminum / Electroless Nickel NF Aluminum / Cadmium with Olive Drab Chromate ZN Aluminum / Zinc-Nickel with Olive Drab Chromate ZNU Aluminum / Zinc-Nickel with Black Chromate Z1 Stainless Steel / Passivated | 5-3 3 #23 Contacts 6-1 1 #16 Contact 6-4 4 #23 Contacts 6-7 7 #23 Contacts 7-1 1 #12 Contact 7-10 10 #23 Contacts 8-13 13 #23 Contacts 9-4 4 #16 Contacts 9-19 19 #23 Contacts 10-26 26 #23 Contacts 12-2 2 #12 Contacts 12-37 37 #23 Contacts #23 contacts are packaged with connectors. #16 and #12 contacts must be ordered separately. | Standard #23 contacts accept #22 through #28 AWG wire. Use the following contact codes to specify these contacts: P Pin S Socket Special contacts for #26 to #30 AWG are also available. Use the following contact codes to specify these contacts: G Pin H Socket | N Normal X Pos. X Y Pos. Y Z Pos. Z |
|  800-007 Hex Plug with Accessory Thread | | | | | |
|  800-008 Knurled Round Plug with Band Platform | | | | | |
|  800-009 Knurled Round Plug with Accessory Thread | | | | | |

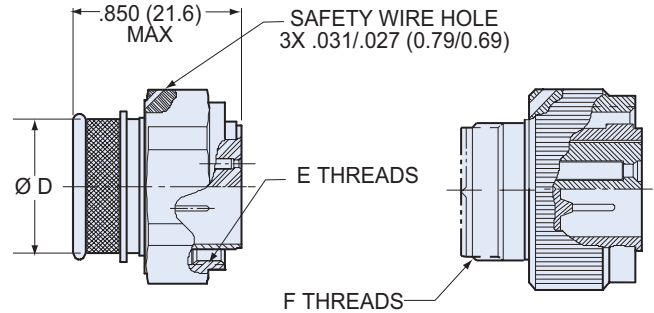
Series 800 Plug Connectors



Hex Coupling Nut
800-006
800-007



Round Knurled Coupling Nut
800-008
800-009



Integral Band Platform
800-006
800-008

Accessory Threads
800-007
800-009

DIMENSIONS

| Shell Size | A Hex Style 06 | | A Hex Style 16 | | Ø B Style 06 | | Ø B Style 16 | | Ø C Style 06 | | Ø C Style 16 | | Ø D | | E Threads Coupling Nut | F Threads Accessory |
|------------|----------------|-------|----------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|------|-------|------------------------|---------------------|
| | In. | mm. | In. | mm. | In. | mm. | In. | mm. | In. | mm. | In. | mm. | In. | mm. | | |
| 5 | .430 | 10.92 | .495 | 12.57 | .470 | 11.94 | .540 | 13.72 | .430 | 10.92 | .490 | 12.45 | .230 | 5.84 | .3125-28 UN-2B | .250-32 UNEF-2A |
| 6 | .500 | 12.70 | .563 | 14.30 | .550 | 13.97 | .620 | 15.75 | .500 | 12.70 | .560 | 14.22 | .286 | 7.26 | .3750-28 UN-2B | .3125-32 UNEF-2A |
| 7 | .625 | 15.88 | .720 | 18.29 | .680 | 17.27 | .800 | 20.32 | .620 | 15.75 | .680 | 17.27 | .390 | 9.91 | .4375-28 UNEF-2B | .4375-28 UNEF-2A |
| 8 | .680 | 17.27 | .743 | 18.87 | .750 | 19.05 | .830 | 21.08 | .680 | 17.27 | .750 | 19.05 | .445 | 11.30 | .5000-32 UN-2B | .5000-28 UNEF-2A |
| 9 | .750 | 19.05 | .813 | 20.65 | .830 | 21.08 | .890 | 22.61 | .750 | 19.05 | .810 | 20.57 | .500 | 12.70 | .5625-32 UN-2B | .5625-24 UNEF-2A |
| 10 | .812 | 20.62 | .875 | 22.23 | .900 | 22.86 | .960 | 24.38 | .810 | 20.57 | .880 | 23.35 | .565 | 14.35 | .6250-32 UN-2B | .6250-24 UNEF-2A |
| 12 | .875 | 22.23 | .938 | 23.83 | .970 | 24.64 | 1.030 | 26.16 | .880 | 22.35 | .940 | 23.88 | .650 | 16.51 | .7500-28 UN-2B | .6875-24 UNEF-2A |

SERIES 800 KEY POSITIONS

| Key Position | Key Rotation | | |
|--------------|--------------|--------------------------|--------------------------------|
| Normal (N) | 150° | <p>Plug Key Position</p> | <p>Receptacle Key Position</p> |
| X | 140° | | |
| Y | 130° | | |
| Z | 120° | | |

Shell size 5 and 6: master key is located at top dead center for normal (N) position. Shell size 7 thru 12: master key is rotated 90° from TDC for normal position.