

Series 802 AquaMouse™
3500 PSI Submersibles
Table of Contents and Introduction



PRODUCT SELECTION GUIDE



Series 802 Plug with Crimp Removable Contacts

AquaMouse™ plugs available with integral band platform or accessory thread. Integral platform allows for direct attachment of cable shield. Select accessory threads for attachment of cable backshells. Crimp contacts are packaged with connectors. Hydrostatic pressure rating of 3500 PSI when fully mated and properly molded.

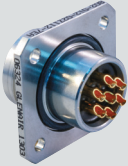
Page E-8



Series 802 Receptacle with Crimp Removable Contacts

Shell styles include jam-nut, square flange and in-line. Integral shield termination platform for cable shield attachment. Select accessory threads for attachment of backshells. Contacts are crimp-type and are packaged with the connector. Hydrostatic pressure rating of 3500 PSI when fully mated and properly molded.

Page E-10



Series 802 Receptacle with PC Tails or Solder Cups

These panel mount connectors feature gold plated, factory-installed PC tail contacts or solder cup contacts. Contacts are non-removable. Connectors are backfilled with epoxy potting compound. Hydrostatic pressure rating of 3500 PSI when fully mated and properly overmolded.

Page E-14



Series 802 Hermetic Receptacle with PC Tails or Solder Cups

These stainless steel, glass-sealed connectors are available with solder cup or PC tail contacts. Choose jam-nut, square flange or weld mount versions. Contacts are gold plated iron alloy. 100% tested and rated to less than 1×10^{-7} cc/sec leak rate. Hydrostatic pressure rating of 3500 PSI when fully mated and properly molded.

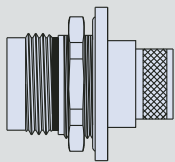
Page E-18



Series 802 Hermetic Receptacle with Coax Contacts

Stainless steel, glass-sealed connectors with coax contacts. Select front or rear panel mount jam-nut, front panel mount square flange or weld mount shell styles. Contacts are gold plated iron alloy. 100% tested and rated to less than 1×10^{-7} cc/sec leak rate. Open face pressure rating 1000 PSI.

Page E-23



Series 802 Hermetic Receptacles with Crimp Removable Contacts

These stainless steel, glass-sealed connectors are available with crimp removable contacts. Choose front or rear panel mount jam-nut or box mount connector versions. Contacts are gold plated iron alloy. 100% tested and rated to less than 1×10^{-7} cc/sec leak rate. Open face pressure rating 1000 PSI.

Page E-28



Series 802 Hermetic Bulkhead Feed-Thru

These stainless steel, glass-sealed connectors are available with solder cup or PC tail contacts. Choose jam-nut, square flange or weld mount versions. Contacts are gold plated iron alloy. 100% tested and rated to 5×10^{-8} cc/sec helium leakage. Open face pressure rating 10,000 PSI for shell sizes 2 thru 12 and 5,000 PSI for shell sizes 14 thru 21.

Page E-31



Series 802 Cordsets

Specify overmolded cordsets for optimum convenience and performance. Low smoke zero-halogen polyurethane offers excellent abrasion and chemical resistance. Choose polyamide overmold for medium duty low pressure applications, or select thermoset polyurethane overmold for maximum performance and 2500 PSI rating.

Page E-33

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

