

8STA Series Hermetic Feed-through



Solder Contacts on Both Sides of Bulkhead

Designed for high vibration environment. Wire soldered on both sides of the feed-through: no plugs needed.

Cost and space saving ■ Adapted to space-constrained area.
No plugs necessary.

Easy to solder ■ Contacts fully tin plated.
Different contact sizes available.

High performance sealing ■ $<1.10^{-7}$ atm.cm³/s.

Heat shrink boot version ■ AM44 connector with specific shell:



Specific shell development on demand, please consult us.

Description

- Solder contacts on both sides of bulkhead
- Designed for high vibration environment
- Wire soldered on both sides of the feed-through: no plugs needed
- Cost and space saving:
 - . Adapted to space-constrained area
 - . No plugs necessary
- Easy to solder:
 - . Contacts fully tin plated
 - . Different contact sizes available
- High performance sealing: $<1.10^{-7}$ atm.cm³/s

Technical features

Mechanical

- **Shell:** Stainless steel
- **Shell plating:** Passivated
- **Insulator:** Glass bead
- **Contact:** Nickel iron, tin plated

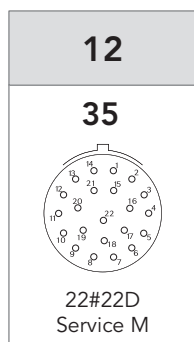
Electrical

- **Test voltage:** Service M: 1300V
- **Contact resistance:** 2 mΩ
- **Insulation resistance:**
 - ≥ 5000MΩ (at 500Vdc)
- **Contact rating:** Size 22D: 3 A

Environmental

- **Operating temperature:**
 - 55°C to +175°C
- **Sealing mated connectors:**
 - IP67 (1 meter for 30 min minimum)
- **Salt spray:** 48 hours
- **Hermeticity:** 1.10^{-7} cm³/s

Contact layouts (viewed from front face of male insulator)

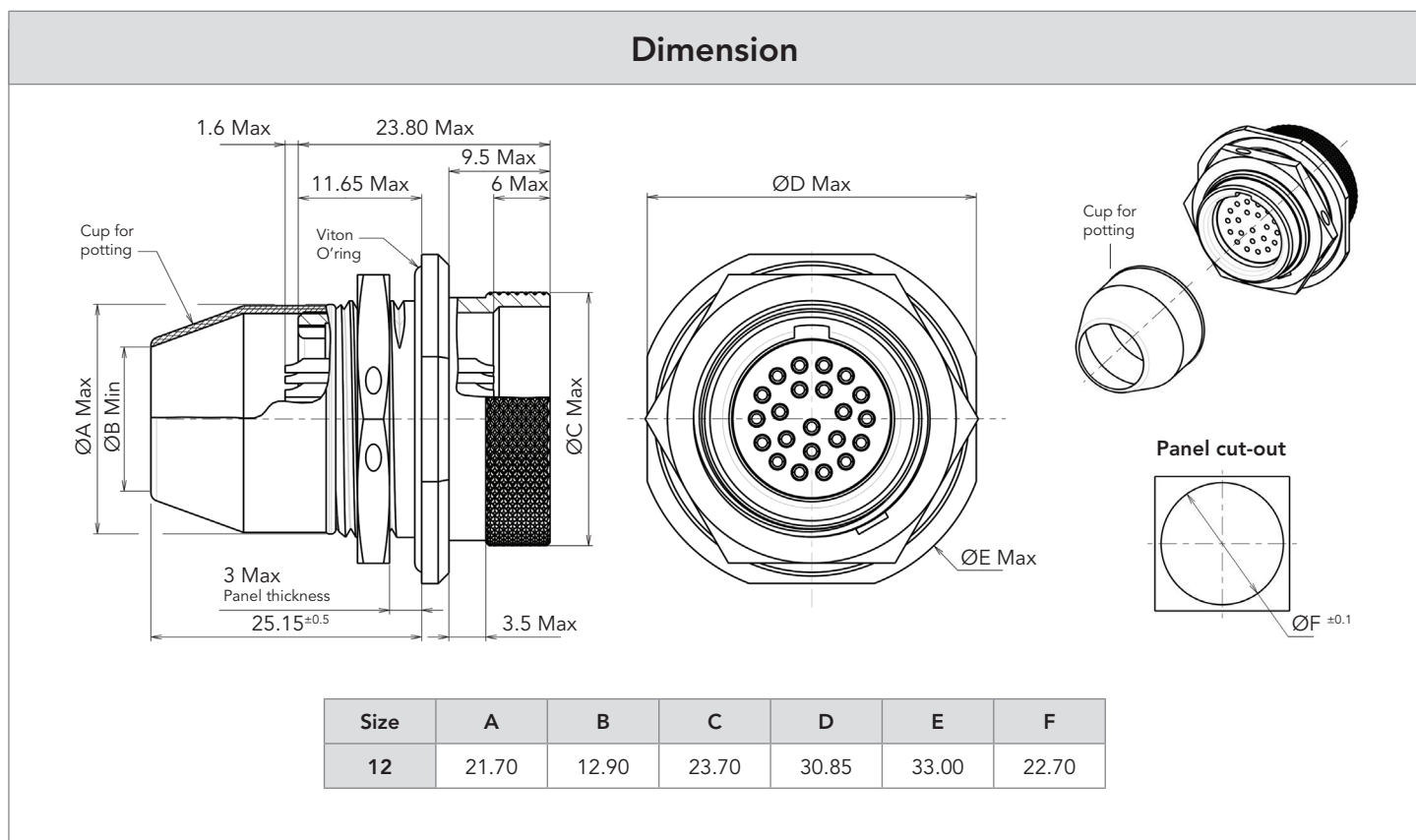


Consult us for other layouts or shell sizes.

Ordering information

Basic series	8STA	7	Y	12	35	199
Shell type	7: Jam nut receptacle					
Class	Y: Hermetic version					
Shell size	12					
Contact layout	35					
Specification	199: #22 solder cup contacts on both sides					

Note: Delivery will contain the cup for potting and the jam nut receptacle not mounted. Consult us for other layouts or shell sizes.



Note: All dimensions are in millimeters (mm)

For further information contact us at technical.emear@souriau.com (Europe - Asia - Africa)
technical.americas@souriau.com (North America)
 or visit our web site www.souriau.com