

38999

III
HD
Dualok
II
I
SJT
Accessories
Aquacon
Herm/Seal
PCB

Amphenol Aerospace is offering superior electrical performance plus the rugged design of a glass sealed hermetic connector.

CUSTOM HERMETIC CONNECTORS:

Amphenol glass sealed hermetic connectors are available in a wide variety of Mil-Spec and custom configurations.



HIGH SPEED
Fiber Optics
Contacts Connectors Cables



EMI Filter Transient

CONNECTOR SPECIFICATIONS & BENEFITS:

- Leak rate of 1X10⁻⁷ cc He/sec or less @ 1atm differential
- Fused glass insert in stainless steel
- Operating Frequency: 0-500 MHz
- Insulation Resistance: 1,000 megohms min. at 25°C
- Dielectric Withstanding Voltage: Center to Outer 500 VAC Rms at sea level
- Contact Resistance: Center at 1 Amp, 55 millivolts max. voltage drop at 25°C

26482 Matrix 2

High Speed Hermetic Connectors have been designed to meet the demands of today's harsh environments and superior electrical needs

83723 III Matrix Pyle

CONNECTOR FEATURES:

Incorporates size 8 coax contacts
Termination choices:

- Printed circuit tails
- Solder cup

26500 Pyle

SHELL FINISHES:

- Passivated stainless steel, 200°C
- Passivated stainless steel with Nickel plate

CONNECTOR OPTIONS:

- Special flanges
- PC board mounting stand-offs
- PC board mounting tails
- EMI filtering
- Through-bulkhead configurations
- Crimp termination

5015 Crimp Rear Release Matrix

22992 Class 1

EPOXY SEALED CONNECTORS

Amphenol epoxy sealed connectors are a light-weight alternative to glass sealed hermetic connectors for use in avionics and other weight-sensitive applications where a high level of sealing is required. Epoxy sealed connectors are an optimal solution when increasingly stringent sealing requirements must be met in radio and vetronics applications.

- Same epoxy as used in EMI filter connectors
- Less than 1 x 10⁻⁵ cc of He/sec leak rate
- Maintained after temperature cycling, 5 cycles -55 to +125°C
- Custom designs available with lower leak rates upon request
- Available in standard and custom configurations including PC tail, solder cup, and crimp termination, board mounting stand-offs, and thru-bulkhead configurations.

Back-Shells

Options Others

For other epoxy sealed connector options please see "Filter How to Order" page 278 or contact Amphenol Aerospace