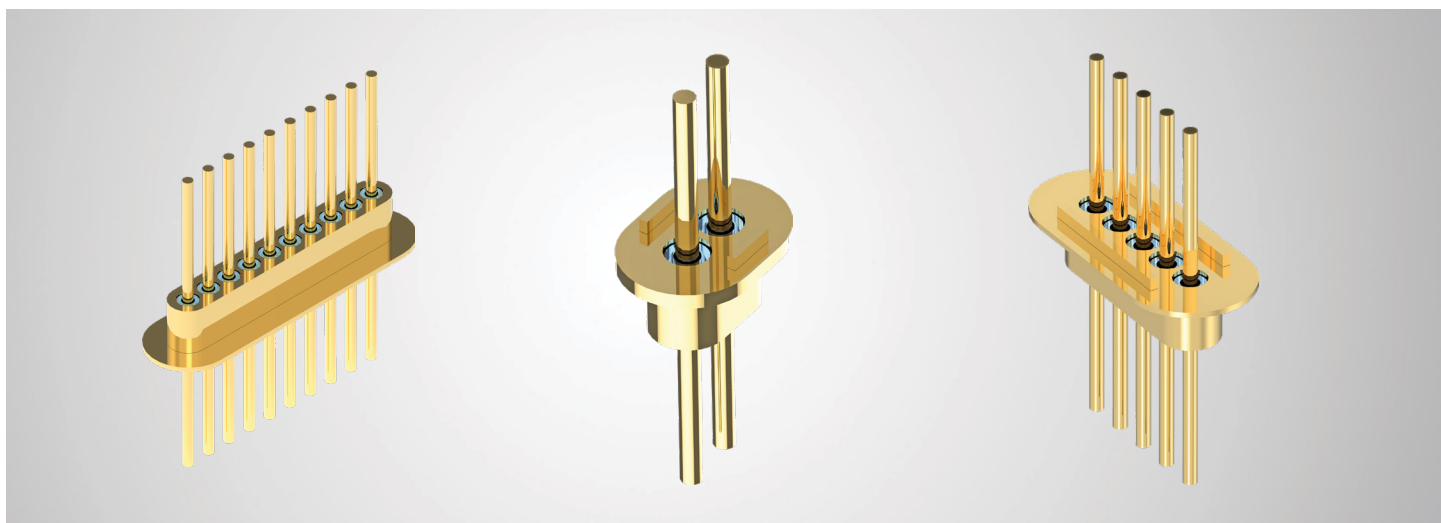


JULUS

HERMETIC INDUSTRIAL FEEDTHROUGH CONNECTORS

PDS - 701



DESCRIPTION

Built for absolute integrity, our high-performance hermetic connectors are engineered to meet the toughest application demands. Julius Industrial Feedthrough Connectors deliver exceptional reliability and performance across mission-critical Military, Aerospace, Space, and Industrial systems.

FEATURES & BENEFITS:

- High-density pin count for high performance applications
- Superior hermetic sealing ensures complete component protection
- High-pressure tolerance for extreme air and sea environments
- High conductivity and low resistance enable high-capacity transfer
- Wide temperature operating range with functionality up to 250°C.
- Max temp of 250°C. Min temp of -55°C

SPECIFICATION:

Shell Material	Stainless Steel 316L
Pin Material	Alloy 52
Standard Plating (Shell & Pins) ^[1]	Sulphamate Nickel plate per ASTM B689, Type I (5 – 10 µm) Soft Gold plate per ASTM B488, Type III (1.27 µm)
Leak Rate	1 x 10 ⁻⁸ cc/sec, 1 atm, in ambient conditions
Maximum Temperature	250 °C
Insulation Resistance	> 1 GΩ in ambient conditions
Breakdown	See table for breakdown values

NOTES [1] For different plating finishes, contact Martec to discuss requirements.

TECHNICAL DRAWINGS:

