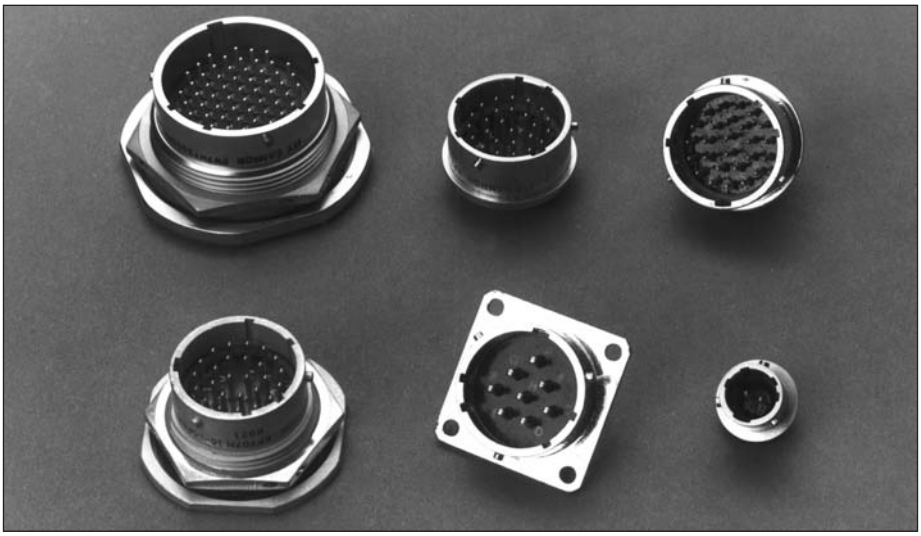
Cannon's hermetically sealed KPTH and PVAH (MIL-C-26482, Series I and II) connectors are designed for those applications and environments that require delicate mechanisms to be protected from variations in atmospheric pressure. Contact arrangements are tooled in a full leak-free compression glass web.

Applications:

- Industrial
- Military
- Transportation



For more information: www.ittcannon.com/cat284

Product Features

- Pin contacts in a compression glass seal.
- 100 *g* (force) shock with no loss of hermeticity.
- 100 psi differential causes no detectable leakage in excess of .01 micron ft^3/hr.
- Series I is qualified to MIL-C-26482.
- Thermal shock from –70°C to 200°C (–94°F to 392°F) without affecting air leakage rate.

Performance Specifications

Air Leakage Rate	≤.01 micron ft^3/hr (1.04 × 10^{-7} cm^3/s) at one atmosphere pressure differential	
Contact Termination	Eyelet; PC Tail; Solder Cup	
Coupling	Bayonet (three point)	
Number of Circuits	Up to 61	
Polarization	Key/Keyway	
Service Class	Hermetically Sealed	
Size or Length	8 thru 24	
Wire Size	#20 AWG to #16 AWG	
Shell Style	**KPTH (Series I)**	**PVAH (Series II)**
	2 – Receptacle, Box Mount	0 – Receptacle, Box Mount
	7 – Receptacle, Jam Nut Mount	7 – Receptacle, Jam Nut Mount
	1 – Receptacle, Solder Mount	3 – Receptacle, Solder Mount

Materials and Finishes

Description	KPTH (Series I)	PVAH (Series II)
Shell	Steel, Electro-Deposited Tin over Cadmium	Steel, .0001 min. Tin over Nickel
Insulator	Compression Glass	Compression Glass
Jam Nut	Steel, Electro-Deposited Tin over Cadmium	Steel, Nickel
Bayonet Pin	Stainless Steel	Stainless Steel
Seals	Silicone and Polychloroprene	Static and Interfacial-Fluorosilicone/Silicone Elastomer
O-Ring (Flange)	Polychloroprene	Silicone Elastomer
Contact	Steel Electro-Deposited Tin over Cadmium	Ferrous Alloy, .00005 min. Gold over Nickel

Please contact your local Cannon representative: www.ittcannon.com/support/ContactUs