



Glenair IPT SE and IPT Series Bayonet-Lock Connectors (MIL-C-26482 Type) Product Features and Specifications

Glenair IPT and IPT SE series connectors offer rugged, high vibration performance and rapid mating for both high-performance and general duty signal connector applications. The products are environmentally sealed and can be equipped with EMI/RFI shield termination backshell accessories. IPT SE is qualified to VG 95328. Both product series are in accordance with MIL-C-26482.

IPT AND IPT SE PRODUCT FEATURES AND SPECIFICATIONS

Feature	Description
Applications	Factory equipment, off-road vehicles, military vehicles, sensors, power generators, and other industrial applications
Shell Construction	Aluminum shell bodies provide durable performance in a lightweight package
Mating System	Three pin bayonet system, 1/2 turn to full mate.
Shell Surface Coatings	A range of conductive and non-conductive surface coatings including standard Cadmium finishes as well as RoHS compliant electrostatic paint.
Environmental Sealing	Individual wire sealing grommets and optional environmental backshells provide moisture protection to IP67.
Temperature Tolerance	F6, F7 and G3 plated connectors are tested to -55°C to 125°C. F2 and F8 plated connectors are tested to -40°C + 100°C.
Contacts	High performance crimp contacts and retention clips (IPT SE) and general duty crimp and solder contacts (IPT)
Contact Plating	Copper alloy with gold plating
Wire Gage	Contacts support wire sizes #16 - #20 gage (Size 16) and #20 - #24 (size 20)
Insert Materials	Resilient high-insulation synthetic insert (neoprene). IPT SE version includes hard plastic retention clip retainer.
Insert Arrangements	<p>IPT SE: 18 different power and signal insert arrangements, featuring 16 and 20 gage contacts; 3 to 61 contacts.</p> <p>IPT: 44 different power and signal insert arrangements, featuring 16 and 20 gage contacts; 2 to 61 contacts.</p>
EMI Shielding	Shield termination backshell accessories are available for all plug and receptacle configurations
Shell Styles	Complete range of shell styles is available, including front and rear mount flange receptacles, jam nut receptacles, bulkhead feedthrus, and straight and 90° plugs.
Polarization	5 keyway configuration with optional polarization.
Approvals	IPT SE is qualified to VG 95328. Both IPT and IPT SE meet all requirements of MIL-C-26482
Intermateability	Intermateable with all industry standard bayonet connectors designed to MIL-C-26482 and VG 95328 including Veam VPT, Amphenol PT and ITT Cannon KPT.