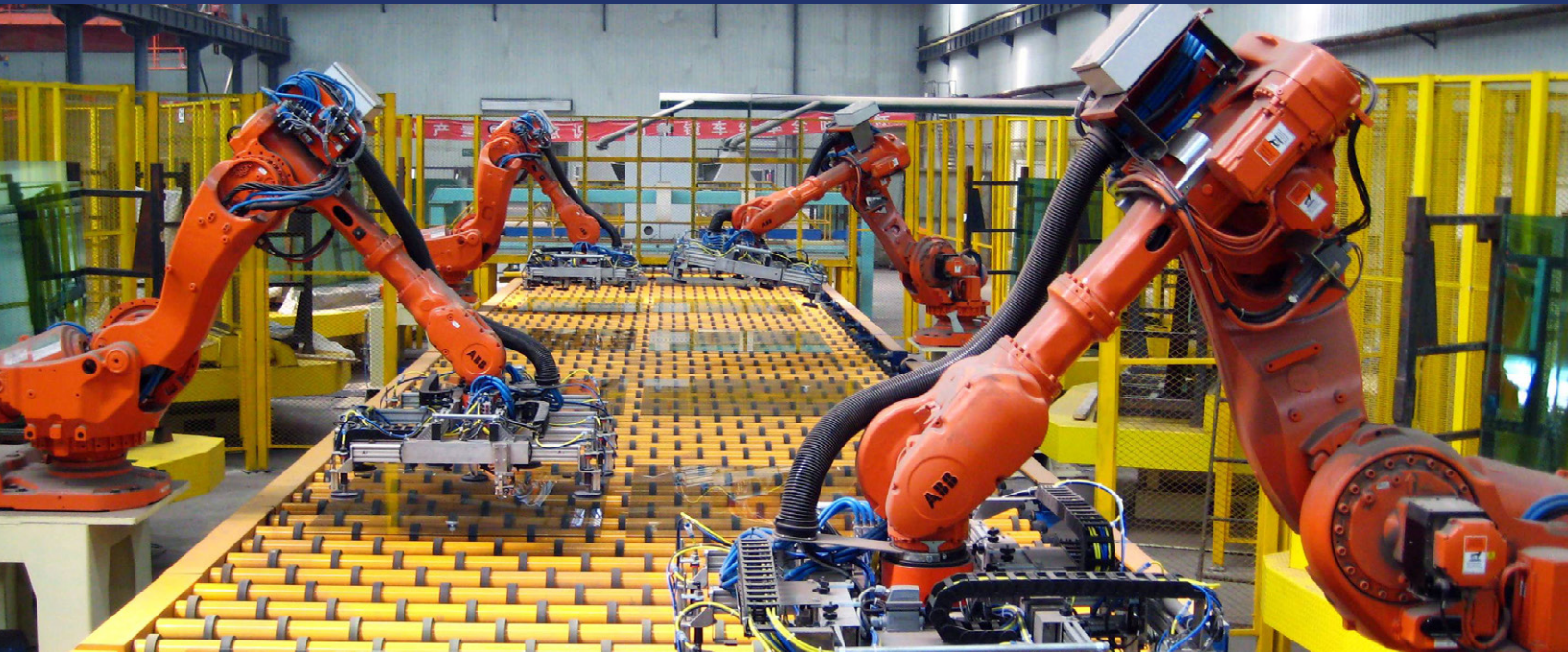


OPTIMIZED  
FOR USE WITH

**turboflex**  
THE ULTRA FLEXIBLE RUGGED POWER CABLE

## IPT and IPT SE Series: rugged bayonet connector series resistant to vibration, shock, and environmental damage



Series IPT and IPT SE are industry-standard solder contact and crimp contact multipin circulars IAW MIL-DTL-26482. Designed for use in both military and industrial applications that depend on a quick-mating and demating bayonet connector with a broad range of power and signal contact arrangements.

The Glenair Series IPT SE bayonet-lock connector is designed for all general and environmental applications that require a high-performance military-type cylindrical connector with support for crimp-removable contacts, standard wire gages, and tools. Qualified to VG95328, the bayonet mechanism provides fast and easy coupling, especially when the connector is situated in an awkward or hard-to-reach location.

The Series IPT SE Connector is interchangeable and intermateable with the wide range of industry-standard bayonet connectors designed around MIL-DTL-26482 Series I and/or qualified to VG 95328, including ITT Cannon KPT.

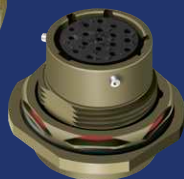


Wide range of straight and 90° backshells available for ease of cable routing

### AVAILABLE CONFIGURATIONS



VG95328 bayonet-lock  
IAW MIL-DTL-26482



Series IPT-SE crimp-contact  
in accordance with MIL-DTL-26482



Series IPT solder contact  
in accordance with MIL-DTL-26482

# STANDARD BAYONET IPT Series and IPT SE



## Rugged, industry-standard multipin power and signal connectors

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-DTL-26482 Series I.

| IPT-SE AND IPT PRODUCT FEATURES AND SPECIFICATIONS |                                                                                                                                                                                                                                                  |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Feature                                            | Description                                                                                                                                                                                                                                      |
| Applications                                       | Factory equipment, o-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 up to IP67.                                                                                                                                   |
| Temperature Tolerance                              | F6, F7, F11, and G3 plated connectors are tested to -55°C to 125°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 Gauge                                         | Contacts support wire sizes #12 - #14 (Size 12), #16 - #20 gauge (Size 16) and #20 - #24 (size 20).                                                                                                                                              |
| Insert Materials                                   | Resilient high-insulation synthetic insert (polychloroprene or silicone). IPT SE version includes hard plastic retention clip retainer.                                                                                                          |
| Insert Arrangements                                | <p>IPT SE: 25 different power and signal insert arrangements, featuring 16 and 20 gauge contacts; 3 to 61 contacts.</p> <p>IPT: 39 different power and signal insert arrangements, featuring 12, 16 and 20 gauge 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 angle 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-DTL-26482 Series I.                                                                                                                                            |
| Intermateability                                   | Intermateable with all industry standard bayonet connectors designed to MIL-DTL-26482. Series I and VG 95328 including Veam VPT, Amphenol PT, and ITT Cannon KPT.                                                                                |

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