

OPTIMIZED
FOR USE WITH

turboflex
THE ULTRA FLEXIBLE RUGGED POWER CABLE

921TM
SERIES

SUPER ITS

Super ITS-921 high-performance reverse-bayonet power connectors IAW M5015



Reverse-bayonet derivatives of M5015 / VG95234 threaded connectors have long been preferred for their rapid mating and rugged resistance to vibration and shock in harsh-environment applications. The Glenair Super ITS - 921 is an ultra high-performance version of the reverse-bayonet M5015 / VG95234 power connector, designed for high-ampacity applications where low insertion force LouverBand type contacts, mechanical contact retention, broad temperature tolerance, reduced size, and superior connector and wire sealing are required.

Super ITS - 921 is an extremely durable and environmentally sealed connector, designed with its own set of high-density contact insert arrangements. Unlike conventional 5015-type connectors designed for industrial and rail applications, the Super ITS - 921 offers uncompromising electrical, mechanical, and environmental performance features such as precision-machined aluminum alloy or stainless steel shells with 2000 mating cycle lifespan, rigid thermoplastic two-piece insulators, and machined, highly conductive copper alloy LouverBand contacts. Super ITS - 921 delivers contact and wire support from #16 to 2/0 and 1 mmq - 70 mmq respectively. With ampacity up to 350 amps, and a max working voltage of 2450 VCC / 1750 VCA, this power distribution connector is fully tooled and available for immediate application.

- **Super ITS-921 is a high-density reverse-bayonet connector with reduced size compared to standard M5015**
- **Low insertion force, high-ampacity front-release LouverBand contacts**
- **Rigid thermoplastic insulator with internal contact retention clips**
- **Precision-machined aluminum, stainless steel or marine bronze shells with polarization keys**
- **Interfacial and individual wire sealing for IP67 performance**
- **Broad operating temperature range: -65°C to +180°C**
- **2000-cycle reduced insertion-force mating**

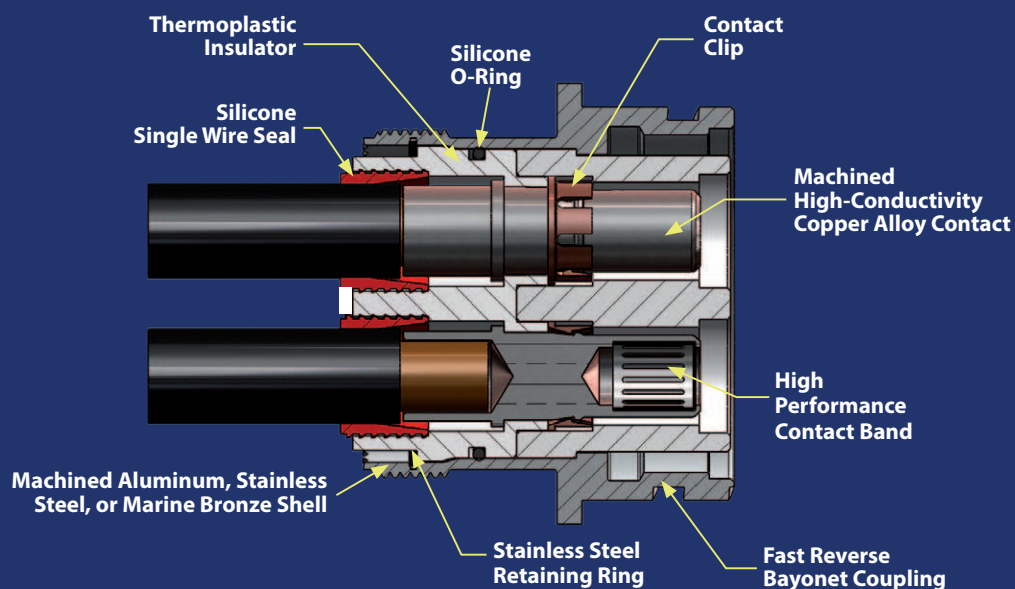
Super ITS-921 Reverse-Bayonet Rigid Insert, High-Ampacity Connectors



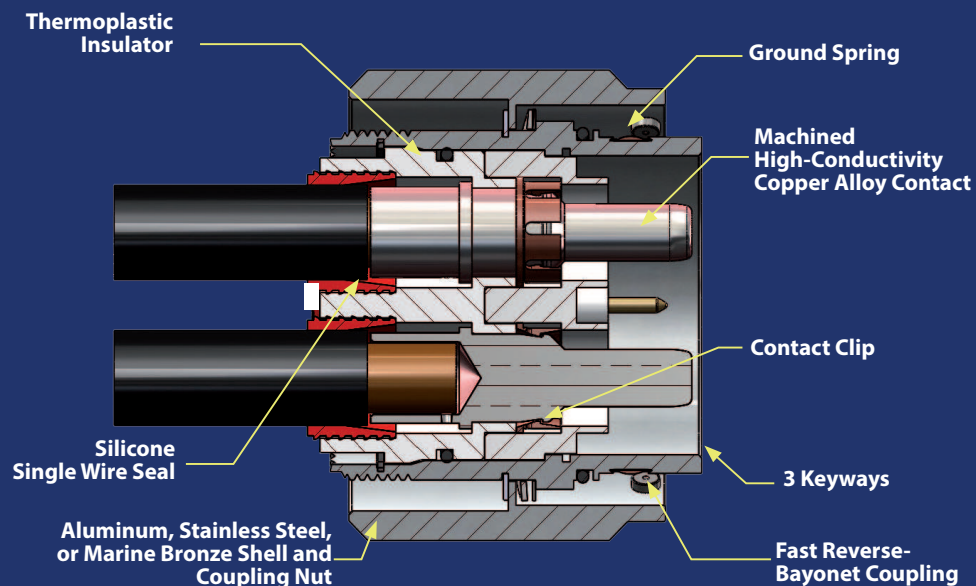
High-durability · Improved wire and connector interface sealing

The Super ITS - 921 Connector Series is a high ampacity, harsh environment connector capable of meeting the demanding requirements of power applications utilizing the latest generation of high-temperature power cables. Compared to legacy 5015 solutions, Super ITS - 921 offers better durability, better wire and connector interface sealing, integrated crimp contact retention clips, thermoplastic insulators, precision-machined shells, and more.

RECEPTACLE



PLUG



- Fast, easy connector mating with reverse-bayonet coupling
- 3 polarizing keys
- Higher-density insert arrangements for reduced size and weight
- LouverBand Size 0, 4, and 8 socket contacts for high ampacity and longer life
- Crimp front-release high-conductivity copper contacts
- Individual wire seals
- -65° C to +180° C operating temperature range
- Size 8, 4, and 1/0 power contact sizes
- Size 16 and 12 signal contact size
- Precision-machined plug bodies and receptacle shells

S
T
U
V
W
X
Y
Z