



## Glenair IPT SE Series Bayonet-Lock High Performance Crimp Contact (MIL-DTL-26482 Serie I) Materials and Finishes

MATERIALS	
COMPONENT	MATERIAL
<b>Shells</b>	Aluminum Alloy IAW QQ-A-591 Shells Stainless Steel Coupling Pins Stainless Steel Spring
<b>Inserts (Temperature Range)</b>	High Insulation Synthetic Rubber (Polychloroprene): -55°C/+125°C (Silicone): -55°C/+200°C
<b>Contacts</b>	Copper Alloy with Gold Plating Over Nickel

STANDARD MATERIAL & FINISH OPTIONS					
Property	RoHS				Not RoHS
	Alum/Black Non Conductive	Alum/Black Conductive	Alum/Electroless Nickel	Unplated/Marine Bronze	Alum/Cadmium Olive Drab
	F6	F7	F11	MB	G3
Temperature Range	-55°C + 200°C	-55°C + 175°C	-55°C + 200°C	-55°C + 200°C	-55°C + 175°C
Salt Spray Hours	500	500	48	1000	500
Electical Conductivity	NO	Very Good	Very Good	Very Good	Very Good

**TABLE II: MODIFICATION CODES**

CONTACT OPTIONS	
Sym	Description
<b>B0</b>	Connector Without Contacts (Only for crimp version)
FINISH OPTIONS	
Sym	Description
<b>F6</b>	Black Electrodeposited Paint (RoHS)
<b>F7</b>	Black Zinc Nickel (RoHS)
<b>F11</b>	Electroless Nickel (RoHS)
<b>MB</b>	Marine Bronze (RoHS)
<b>FK</b>	Passivated Stainless Steel (RoHS)
<b>Omit for std. Cadmium Olive Drab (non-RoHS)</b>	

Conductive metal shells and plating provide a reliable ground plane for EMI applications when connectors are combined with appropriate shield termination backshells. Ground springs are also available in plug versions to further enhance EMC. Shells are keyed with five total alternate key positions. Inserts may also be clocked for additional polarization protection. The connectors are temperature rated from -55°C to +125°C / +200°C. High performance crimp contacts facilitate rapid assembly and repair.