Glenair IPT Series
Bayonet-Lock Signal Connectors (MIL-C-26482 Type)
Materials and Finishes

MATERIALS		
SHELLS	**INSERTS (Temperature Range)**	**SURFACE FINISHES**
Aluminum Alloy IAW QQ-A-591 Shells	High Insulation Synthetic Rubber (Chloroprene): -55°C/+125°C	Olive Drab Cadmium Plating IAW QQ-P-416
Stainless Steel Coupling Pins	High Insulation Synthetic Rubber (Fluoroelastomer): -55°C/+200°C	Bright Nickel Plating - F2 (RoHs)
Stainless Steel Hardware	**CONTACTS**	Black Electrodeposited Paint - F6 (RoHs)
		Black Zn-Co Plating - F7 (RoHs)
	Copper Alloy with Gold Plating Over Nickel	Olive Drab Zn-Co Plating - F8

STANDARD FINISHES (For QQ-A-591 Aluminum Shells)					
Requirements	**IAW RoHS**			**Not IAW RoHS**	
	F2 Electrolytic Nickel	**F6 Black Non Conductive**	**F7 Black Conductive**	**G3 Cadmium with Olive Drab Passivation**	**F8 Zinc Cobalt with Olive Drab Passivation**
Thermal Shock	-40°C + 100°C	-55°C + 125°C	-55°C + 125°C	-55°C + 125°C	-40°C + 100°C
Salt Spray After Thermal Shock	24 hour	500 hour	500 hour	500 hour	200 hour
Electical Conductivity	Very Good	NO	Very Good	Very Good	Good
Abrasion Resistance	Very Good	Very Good	Good	Very Good	Good

MODIFICATION CODES	
Shell Finish (Omit for Standard Cad/Olive Drab Finish)	**Assembly with Accessories** (Omit for Standard Version)
F2 - Bright Nickel Plating (RoHs)	Key Polarization (Omit for **N** version) **W, X, Y, Z** = Alternates
F6 - Black Electrodeposited Paint (RoHs)	**N0** - Connector Less Backshell
F7 - Black Zn-Co Plating (RoHs)	**GXXX** - Custom Designed Connector
F8 - Olive Drab Zn-Co Plating	