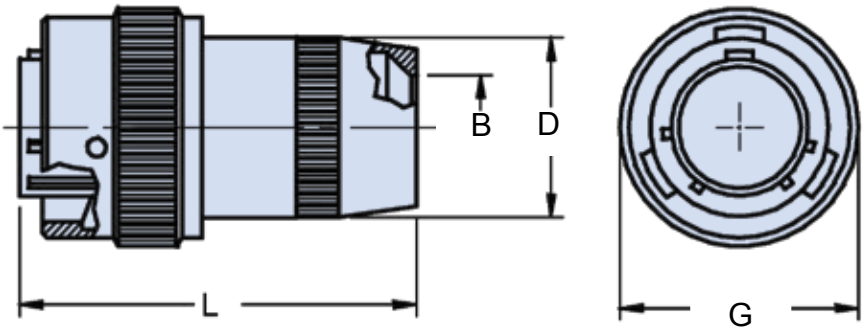
IPT 06 W
Straight Plug Connector
with Long Backshell and Cable Sealing Gland

IPT G 06 W 18-11 S Z C XX

- MIL-C-26482 Series I Type
- Grounding Finger (Omit for Standard)
- 06 - Straight Plug
- Connector/Backshell Class
  W - Environmental; Backshell Includes an Overall Cable Sealing Gland
- Shell Size and Insert Arrangements
- Contact Gender
  P - Pin
  S - Socket
- Alternate Insert Rotation (W, X, Y, Z)
  Omit for Normal
- Contact Type
  C - Crimp
  (Omit for Solder Cup)
- Mod Code Options
  See Table II



APPLICATION NOTES

1. Straight plug with long backshell, incorporated metal sleeve and gland seal. No cable clamp provided.
2. Connector/Backshell Class “W” (environmental)—Wire sealing grommet supplied.
3. Standard materials configuration consists of aluminum alloy with stainless steel coupling pins.
4. Standard contact material consists of copper alloy with gold plating over nickel.
5. A broad range of other front and rear connector accessories are available. See our website and/or contact factory for complete information.
6. Standard insert is high insulation synthetic rubber.

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TABLE I: DIMENSIONS					
Shell size	B min.	Max.	D Max.	G ±0.4	L Max.
8	4.25	5.85	13.90	19.05	43.30
10	5.20	7.90	17.15	21.80	43.30
12	8.60	11.20	20.60	26.20	46.90
14	10.55	13.70	23.90	29.40	51.80
16	14.00	15.65	27.10	32.55	57.30
18	15.25	17.10	30.30	35.35	63.15
20	16.10	19.00	33.60	38.90	72.20
22	17.00	21.50	36.80	42.10	76.20
24	18.80	22.70	40.00	45.10	81.55

TABLE II: 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	

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

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