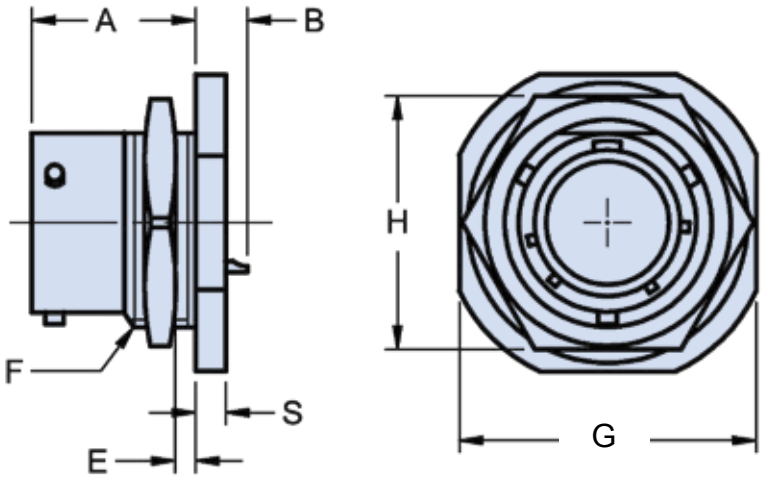
Glenair®

IPT 07 A
Rear Box Mount Jam Nut
Receptacle Connector

IPT 07 A 18-11 S Z C XX

- MIL-C-26482 Series I Type
- 07 - Rear Box Mount Jam Nut Receptacle
- Connector Class
  A - Non-Environmental
- 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. Real box mount jam nut receptacle; No accessory threads.
2. Connector Class “A” (non-environmental).
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. Standard insert is high insulation synthetic rubber.

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TABLE I: DIMENSIONS								
Shell size	A ±0.4	B ±1	E min.	Max.	F Thread in inches	G ±0.4	H ±0.4	S ±0.4
8	17.70	4.8	1.6	3.2	.5625 - 24 UNEF	23.8	19	3.2
10	17.70	4.8	1.6	3.2	.6875 - 24 UNEF	27.0	22	3.2
12	17.70	4.8	1.6	3.2	.8750 - 20 UNEF	31.7	27	3.2
14	17.70	4.8	1.6	3.2	1.0000 - 20 UNEF	34.9	30	3.2
16	17.70	4.8	1.6	3.2	1.1250 - 18 UNEF	38.1	33	3.2
18	17.70	4.8	1.6	3.2	1.2500 - 18 UNEF	41.3	36	3.2
20	22.45	5.6	1.6	6.3	1.3750 - 18 UNEF	46.0	40	4.0
22	22.45	5.6	1.6	6.3	1.5000 - 18 UNEF	49.2	43	4.0
24	23.30	4.8	1.6	6.3	1.6250 - 18 UNEF	52.4	46	4.0

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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