**50  $\Omega$** **DC - 11 GHz** maximum  
**DC - 3 GHz** recommended

## GENERAL

Standard coaxial connectors with two pip bayonet coupling.

These connectors are fully interchangeable with connectors made to the US-MIL specification.

## APPLICABLE STANDARDS

- MIL-C-39012 A
- MIL-C-3898 A
- MIL-C-23329 A
- IEC 169-7

## QUALIFICATIONS / APPROVALS

- STTEA
- GAM T1 list

## APPLICATIONS

- Avionics
- Telecommunications

**C****CHARACTERISTICS****VALUES/REMARKS****ELECTRICAL CHARACTERISTICS**

Impedance	50 $\Omega$
Frequency range	DC - 3 GHz recommended DC - 11 GHz maximum
V.S.W.R.	1.22 at 3 GHz
Test voltage at sea level	3 Kv continuous
Insulation resistance	> 5000 M $\Omega$

**MECHANICAL CHARACTERISTICS**

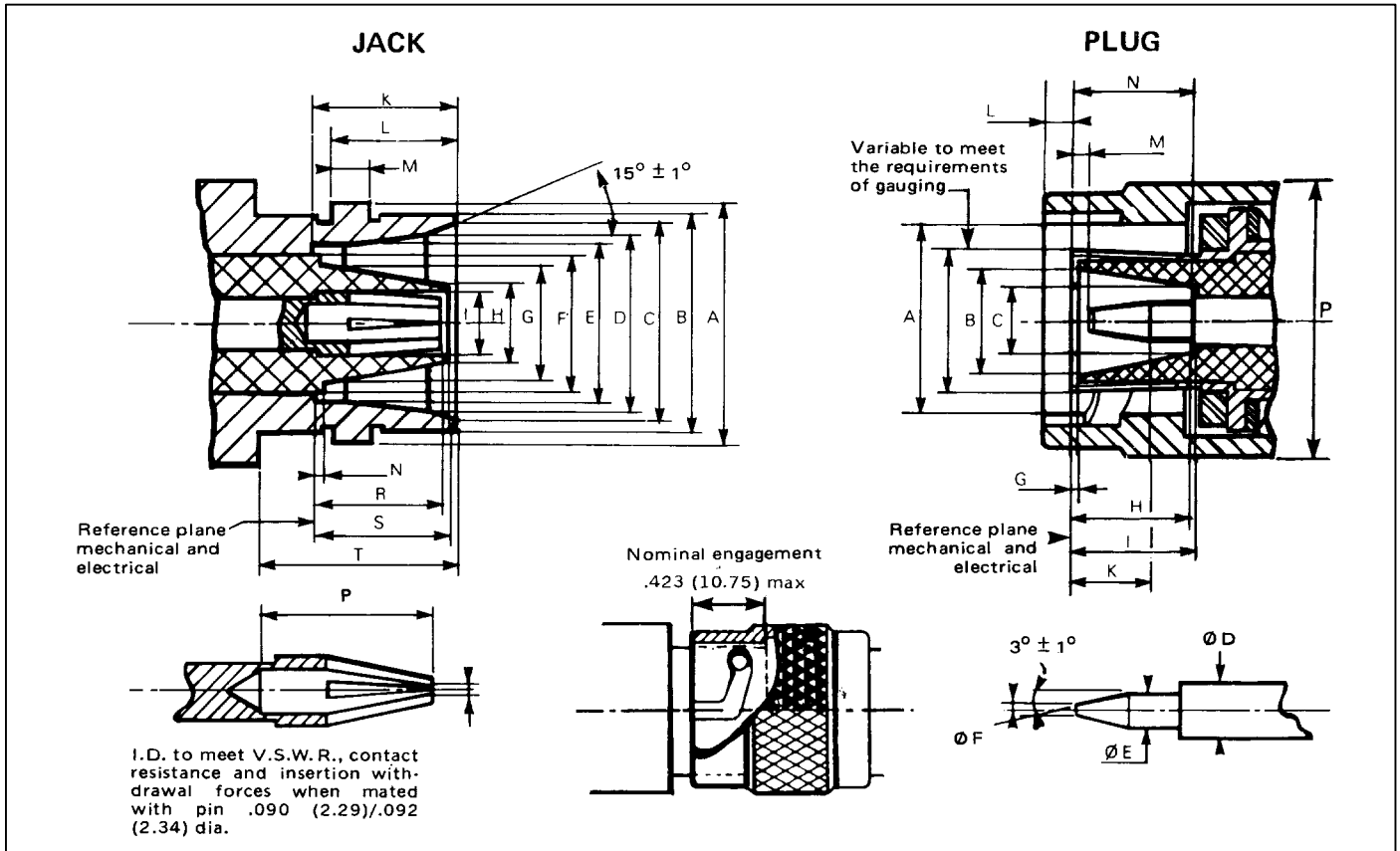
Life	500 matings
Vibrations	10 g (acceleration) 10 to 500 Hz

**ENVIRONMENTAL CHARACTERISTICS**

Temperature range	-55°C / + 155°C
Salt spray	48H
Panel sealing	Pressure : 3 Bars Leakage rate < 1 cm <sup>3</sup> / h
Hermeticity	Temperature range : -40°C / + 100°C Vacuum 10 <sup>-6</sup> mm Hg (Torr) Leakage rate < 10 <sup>-6</sup> atm/cm <sup>3</sup> /s

**MATERIAL**

Contacts and interfaces	Bronze
Other pieces	Brass
Insulator	PTFE
Gaskets	Silicone rubber



Letter	JACK				PLUG				Letter	JACK				PLUG			
	mm		inch		mm		inch			mm		inch		mm		inch	
	min.	max.	min.	max.	min.	max.	min.	max.		min.	max.	min.	max.	min.	max.	min.	max.
A	14.99	15.24	.590	.600	13.79	13.94	.543	.549	K	8.43	8.59	.332	.338	4.85	6.38	.191	.251
B	13.46	13.72	.530	.540	7.01	-	.276	-	L	7.80	7.95	.307	.313	-	2.16	-	.085
C	12.32	12.57	.485	.495	4.92	-	.194	-	M	2.24	2.49	.088	.098	0.09	1.02	.003	.040
D	11.18	11.43	.440	.450	3.02	3.15	.119	.124	N	-	0.18	-	.007	7.54	7.72	.297	.304
E	10.44	10.54	.411	.415	2.29	2.34	.090	.092	P	7.62	-	.300	-	-	19.84	-	.781
F	-	9.50	-	.374	-	1.27	-	.050	Q	-	-	-	-				
G	-	6.91	-	.272	0.18	-	.007	-	R	6.93	7.70	.273	.303				
H	-	4.83	-	.190	7.80	8.56	.307	.337	S	-	7.85	-	.309				
I	3.02	3.15	.119	.124	7.85	-	.309	-	T	12.57	-	.495	-				