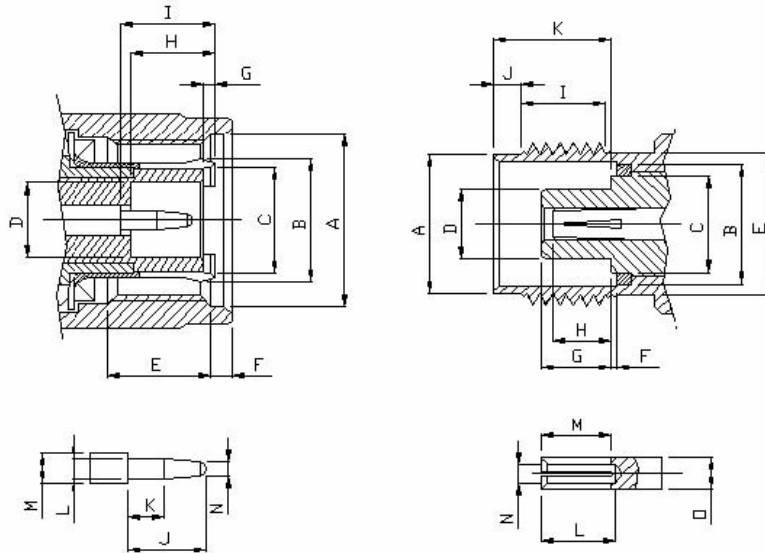


Description

TNC connectors were developed for missile and aircraft application, also called the threaded version of the BNC, It's available in 50 Ω and 70 Ω types. TNC connectors can be used under higher environmental load than series BNC especially under vibration load.



Male					Female				
LTR	Millimeters / Inches				LTR.	Millimeters / Inches			
	Minimum		Maximum			Minimum		Maximum	
A	Φ11.18	Φ.440			A	Φ8.31	Φ.0327	Φ8.46	Φ.333
B	Φ7.39	Φ.312	Φ8.12	Φ.319	B	Φ8.10	Φ.319	Φ8.15	Φ.321
C	Φ6.95	Φ.273	Φ7.01	Φ.276	C	Φ6.95	Φ.273	Φ7.01	Φ.275
D	Φ4.88	Φ.192	Φ4.93	Φ.194	D	Φ4.67	Φ.184	Φ4.72	Φ.186
E	3.96	.156			E	Φ9.60	Φ.378	Φ9.68	Φ.381
F	1.60	.063			F	0.00	.000	0.15	.006
G	0.15	.006	0.30	.012	G	5.21	.205	5.28	.208
H	5.38	.212	5.54	.218	H	5.08	.200	5.28	.208
I	5.31	.209	5.38	.212	I	4.75	.187		
	4.62	.182	4.88	.192	J	1.73	.068	2.24	.088
K	1.40	.055	1.65	.065	K	8.36	.329	8.46	.333
L	Φ2.08	Φ.082	Φ2.13	Φ.085	L	5.21	.205		
M	Φ1.35	Φ.053	Φ1.37	Φ.054	M			4.75	.187
N	Φ0.33	Φ.013	Φ0.69	Φ.027	N	Φ1.52	Φ.060	Φ1.58	Φ.062
O					O	Φ2.16	Φ.085	Φ2.18	Φ.086

Material / Finish:

	Material	Finish
Connector body	Brass per(QQ-B-626 or JIS-C3604B)	Nickel or gold plating
Center contact male	Brass per(QQ-B-626 or JIS-C3604B)	Gold plating
Center contact female	Beryllium copper per(QQ-C-530 or JIS-C 1730) or Phosphor bronze per(QQ-B-750 or JIS-C5441B)	Gold plating
Insulator	PTFE or P.P.	None
Crimp ferrule	Annealed copper	Same as body
Gasket	Silicone rubber	None

Electrical:

Nominal impedance	50Ω
Frequency up to	11 GHz
VSWR	1.25 max.
Working voltage	500 Volts rms.
Dielectric withstanding voltage	1500 Volts rms.
Insulation resistance	5000 MΩmin.
Contact resistance	Center conductor 4.0 MΩ
	Outer conductor 1.5 MΩ

Mechanical & Environmental:

Mating	7/16□□-28 UNEF Thread coupling
Cable retention	40 lbs typical
Durability	≧ 500 cycles
Disengagement range	≧ 50 lbs
Temperature range	P.P. -45°C to +85°C, PTEF -65°C to +165°C
Vibration	Per Mil-STD-202 method 204 Test Condition D
Shock	Per Mil-STD-202 method 213 Test Condition I
Corrosion	Per Mil-STD-202 method 101 Test Condition B

TNC Connector



P/N:10080704

TNC(F) S/T Bulkhead Jack For 1.13mm



P/N:04081713

TNC(F) S/T Bulkhead Jack Front Mount For RG-174/316



P/N:10080513

TNC(F) S/T Jack For RG-174/316



P/N:10082413

TNC(F) S/T Jack For RG-174/316



P/N:10080125

TNC(M) S/T Plug For LMR-240



P/N:06080221

TNC(M) S/T Plug Clamp For RG-141/303/LMR-195

TNC Connector



P/N:06080316

TNC(M) R/A Plug For RG-142/RG-223/RG-400



P/N:06081513

TNC(M) S/T R/P Plug For RG-174/316



P/N:10082804

TNC(F) S/T R/P Bulkhead Jack For 1.13mm



P/N:10082604

TNC(F) S/T R/P Jack For 1.13mm



P/N:10081022

TNC(F) R/A R/P Bulkhead Jack For LMR-100A/RD-316



P/N:06081113

TNC(M) R/A R/P Plug For RG-174/316

TNC Connector



P/N:03081334

TNC(F) R/A Jack For P.C.B Mount



P/N:06082134

TNC(F) S/T Bulkhead Jack For Panel Mount

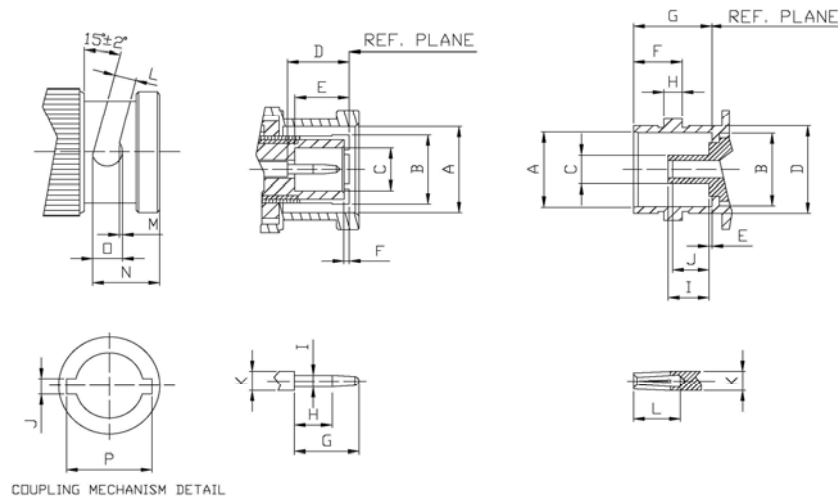


P/N:06081634

TNC(F) S/T Jack With Panel 4-Hole SQ. Flange For
Panel Mount

Description

BNC connectors are the RF connectors most frequently used in electronics and network worldwide. BNC connectors are applicable from DC up to 4 GHz with 50Ω and from DC up to 1 GHz with 75Ω characteristics impedance.



Male					Female				
LTR	Millimeters / Inches				LTR.	Millimeters / Inches			
	Minimum		Maximum			Minimum		Maximum	
A	Φ9.78	Φ.385	Φ9.91	Φ.390	A	Φ8.31	Φ.0327	Φ8.51	Φ.335
B	Φ7.92	Φ.312	Φ8.10	Φ.319	B	Φ8.10	Φ.319	Φ8.15	Φ.321
C	Φ4.83	Φ.192			C			Φ4.72	Φ.186
D	5.33	.209	5.84	.230	D	Φ9.60	Φ.378	Φ9.68	Φ.381
E	5.28	.208	5.79	.228	E			0.15	.006
F	.015	.006			F	5.18	.204	5.28	.208
G	4.32	.170	5.80	.228	G	8.31	.327	8.51	.335
H	1.98	.077			H	1.91	.075	2.0	.081
I	Φ1.32	Φ.052	Φ1.37	Φ.054	I	4.78	.188	5.28	.208
J	2.31	.091	4.88	.192	J	4.72	.186	5.23	.206
K	1.40	.055	2.46	.097	K	2.06	.081	2.21	.087
L	2.31	.091	2.46	.097	L	4.95	.194		
M	0.46	.018	0.56	.022	M				
N	4.57	.180	4.67	.184	N				
O	3.15	.124			O				
P	11.76	.463	12.01	.473	P				