

TNC

射頻同軸連接器

TYPE RF Connector

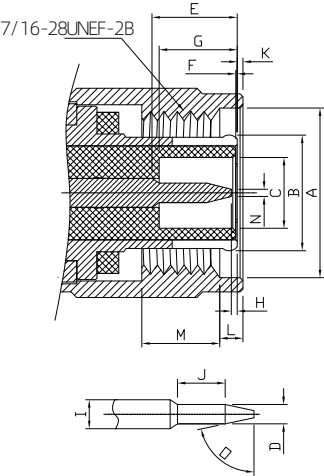
TNC系列产品是一种螺纹连接式射频同轴连接器,它具有工作频带宽、连接可靠、抗振性能良好等特点,可供无线电设备和仪器中连接电缆用。

The TNC series product is a threaded radio frequency coaxial connector. It has the characteristics of wide working frequency bandwidth, reliable connection, and good vibration resistance. It can be used for connecting cables in radio equipment and instruments.

界面尺寸

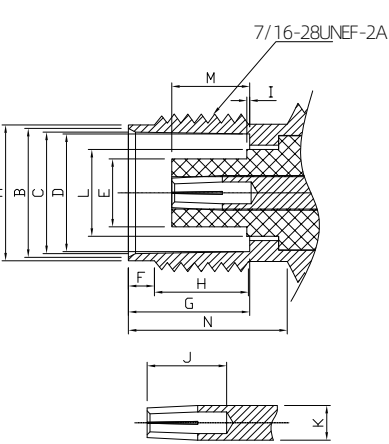
INTERFACE MATING DIMENSIONS

插头 Plug



Plug		
Code	Millimeters	
	Min	Max
A	11.18	-
B	-	8.18
C	4.83	-
D	1.32	1.37
E	5.33	5.84
F	0.15	-
G	5.28	5.79
H	0.08	-
J	2.06	2.21
K	1.98	-
M	-	1.98
N	1.60	-
P	3.96	-
Q	-	0.64
S	55°	65°
T	1°	4°

插座 Jack



Jack		
Code	Millimeters	
	Min	Max
A	9.60	9.70
B	8.79	9.04
C	8.31	8.46
D	8.10	8.15
E	-	4.72
F	1.73	2.24
G	8.31	8.51
H	4.75	-
J	4.72	5.23
K	-	0.15
L	4.95	-
M	2.06	2.21
N	-	6.50
P	4.78	5.28
R	10.52	-
S	0.38	0.76

主要技术特性

MAJOR TECHNICAL CHARACTERISTICS

- 温度范围 Temp.range -65~+165℃ (PE Cable -40~+85℃)
- 振 动 Vibration MIL-STD-202, Method 213
- 特性阻抗 Impedance 50Ω
- 频率范围 Frequency Range DC~11GHz
- 工作电压 Working Voltage 500V max (有效值)
- 耐 压 Withstand Voltage 1500V rms (海平面最小值)
- 接触电阻 Contact resistance
- 内导体之间 Center Contact ≤ 1.5 mΩ
- 外导体之间 Outer Contact ≤ 1 mΩ
- 绝缘电阻 Insulation resistance ≥ 5000 MΩ
- 电压驻波比 VSWR
- 直式 Straight ≤ 1.22
- 弯式 Right angle ≤ 1.30
- 耐用性 Durability(mating) ≥ 500次 (cycles)

材料与涂覆

MATERIAL & PLATING

- 壳体 shell 黄铜 brass 镀亮镍 nickel plated
- 插针 contact pin 黄铜 brass 镀硬金或银 gold or silver plated
- 插孔 socket 铍青铜 beryllium 镀硬金或银 gold or silver plated
- 弹性接触件 elastic contact 铍青铜 beryllium 镀硬金 gold plated
- 绝缘体 insulator 聚四氟乙烯 PTFE
- 压接套 crimping suite 铜合金 copper alloy 镀镍 nickel plated
- o型密封件 o-ring sealing 硅橡胶 6146 silastic

适用技术标准

APPLICABLE STANDARD

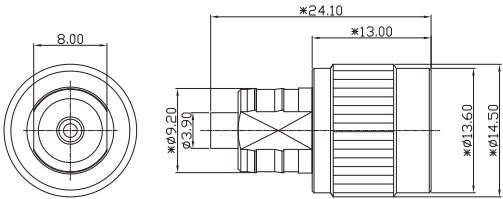
MIL-C-39012; CECC 22200; IEC 61169-17.

F头板端 F head board port

Name: TNC PLUG FOR ANTENN

Code: **HMT-TNC-ANT-001**

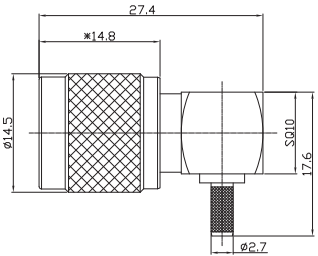




Name: TNC PLUG FOR CABLE

Code: **HMT-TNC-CAB-002**



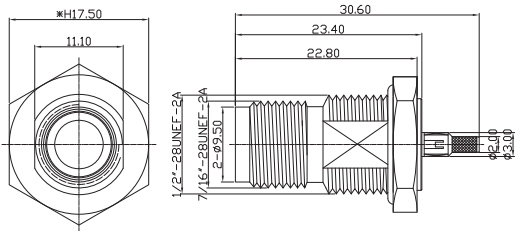


F头接线 F head wiring

Name: TNC JACK FOR CABLE

Code: **HMT-TNC-CAB-003**





Name: TNC JACK FOR CABLE

Code: **HMT-TNC-CAB-004**



