

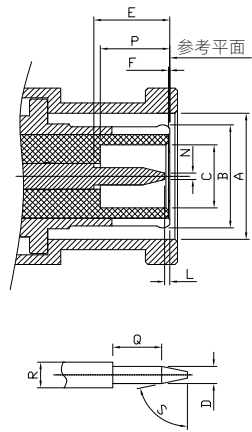
器领域连接射频同轴电缆。

The BNC series is a bayonet connection radio frequency coaxial connector. It has the characteristics of fast connection, reliable contact, etc., and is widely used to connect radio frequency coaxial cables in the field of radio equipment and electronic instruments.

界面尺寸

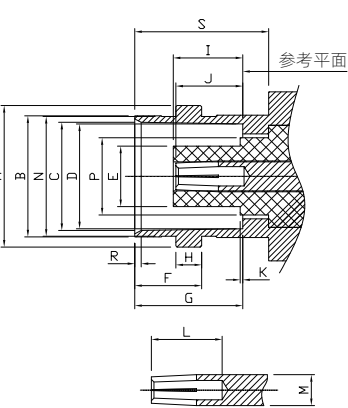
INTERFACE MATING DIMENSIONS

插头 Plug



Plug		
Code	Millimeters	
	Min	Max
A	9.78	9.91
B	-	-
C	4.83	-
D	1.32	1.37
E	5.33	5.84
F	0.15	0.30
L	0.08	-
N	-	0.64
P	5.28	5.79
Q	1.98	-
R	2.06	2.21
S	55	65
T	1	4

插座 Jack



Jack		
Code	Millimeters	
	Min	Max
A	10.97	11.07
B	9.60	9.70
C	8.31	8.46
D	8.10	8.15
E	-	4.72
F	5.18	5.28
G	8.31	8.51
H	1.91	2.06
I	4.78	5.28
J	4.72	5.23
K	-	0.15
L	4.95	-
M	2.06	2.21
N	8.79	9.04
P	-	6.50
R	0.38	0.76
S	10.52	-

主要技术特性

MAJOR TECHNICAL CHARACTERISTICS

温度范围 Temp.range -65~+165°C (PE Cable -40~+85°C)

振 动 Vibration MIL-STD-202, Method 213

特性阻抗 Impedance 50Ω, 75Ω

频率范围 Frequency Range DC~4GHz

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 $\leq 1.5 \text{ m}\Omega$

外导体之间 Outer Contact $\leq 1 \text{ m}\Omega$

绝缘电阻 Insulation resistance $\geq 5000 \text{ M}\Omega$

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 镀硬金或银 gold or silver plated

绝缘体 insulator 聚四氟乙烯 PTFE

压接套 crimping suite 铜合金 copper alloy 镀镍或镀金 nickel plated

o型密封件 o-ring sealing 硅橡胶 6146silastic

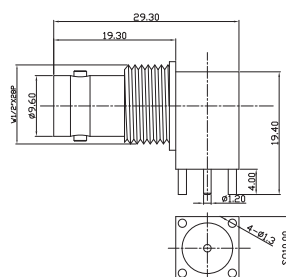
适用技术标准

APPLICABLE STANDARD

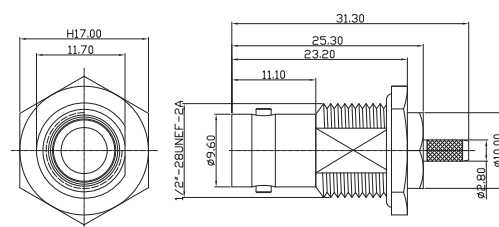
MIL-C-39012; CECC 22120; IEC 61169-8.

软电连接器 Soft electrical connector

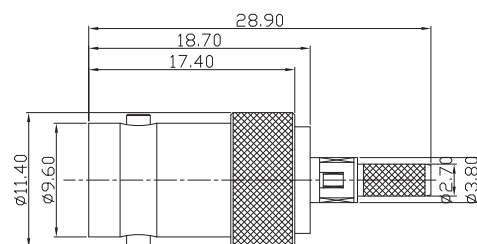
Name: BNC JACK FOR PCB
Code: **HMT-BNC-PCB-001**



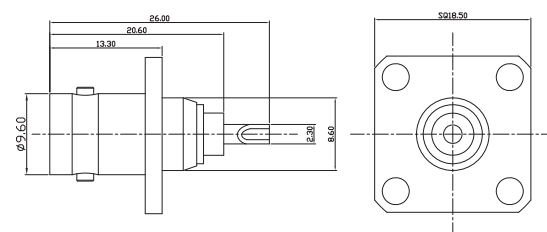
Name: BNC JACK FOR CABLE
Code: **HMT-BNC-CAB-002**



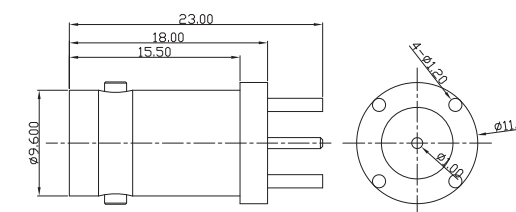
Name: BNC JACK FOR CABLE
Code: **HMT-BNC-CAB-003**



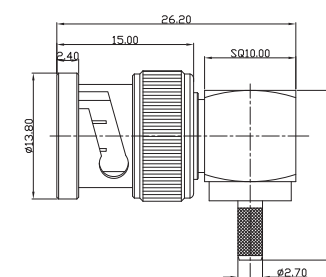
Name: BNC JACK FOR PCB
Code: **HMT-BNC-PCB-004**



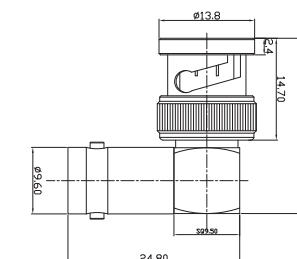
Name: BNC JACK FOR PCB
Code: **HMT-BNC-PCB-005**



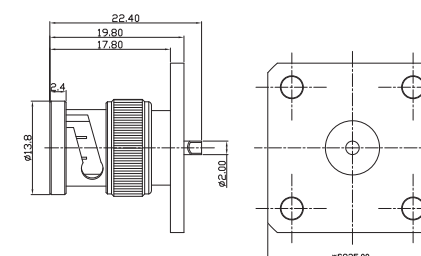
Name: BNC PLUG FOR CABLE
Code: **HMT-BNC-CAB-006**



Name: BNC PLUG TO BNC JACK
Code: **HMT-BNC-BNC-007**



Name: BNC PLUG FOR PCB
Code: **HMT-BNC-PCB-008**



Name: BNC PLUG FOR CABLE
Code: **HMT-BNC-CAB-009**

