

BNC 射频同轴连接器

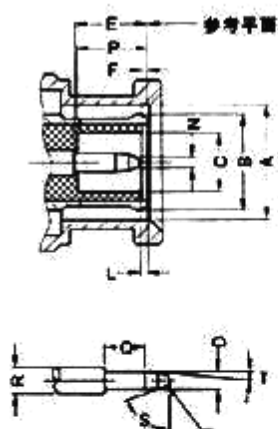
SERIES RF COAXIAL CONNECTORS

BNC 系列是一种卡口连接射频同轴连接器。它具有连接迅速，接触可靠等特点，广泛应用于无线电设备和电子仪器领域连接射频同轴电缆。

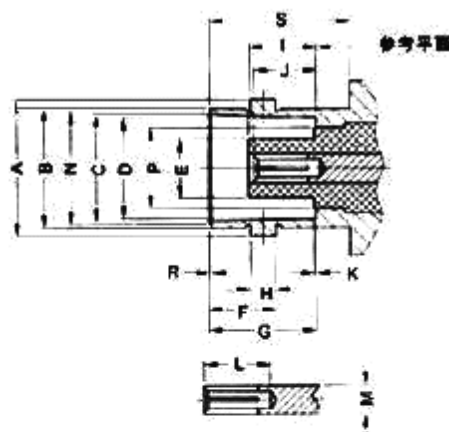
BNC series are one kind of cards of thing the mouth join the radio frequency coaxial connection device. It joins rapidly, keeps in touch with the characteristic such as being reliable, apply to the radio equipment and electron tube instrument field and join the coaxial cable of the radio frequency extensively.

界面尺寸 INTERFACE MATING DIMENSIONS

插头(Plug)



插座(Jack)



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°

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	-



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主要技术特性 **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	1000V max (有效值)
接触电阻 Contact resistance	内导体之间 Center Contact≤ 1.5mΩ
	外导体之间 Outer Contact≤ 1mΩ
绝缘电阻 Insulation resistance	≥ 5000 MΩ
插入损耗 Insertion loss	≤ 0.15dB (3GHz max)
电压驻波比 VSWR	直式 Straight ≤ 1.2
	弯式 Right angle ≤ 1.3
防水等级	IP67
机械耐久性	≥500 次 (cycles)

材料与涂覆 **MATERIAL & PLATING**

壳体 shell	黄铜 brass	镀镍 nickel plated
插针 contact pin	黄铜 brass	镀硬金 gold plated
插孔 socket	铍青铜或锡青铜 beryllium or tin brass	镀硬金 gold plated
绝缘体 insulator	聚四氟乙烯 PTFE	
弹性接触件 elastic contact	铍青铜 beryllium	镀硬金或银 gold or silver plated
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 silastic	

适用技术标准 **APPLICABLE STANDARD**

MIL-C-39012;

CECC 22120;

IEC 60169-8.