

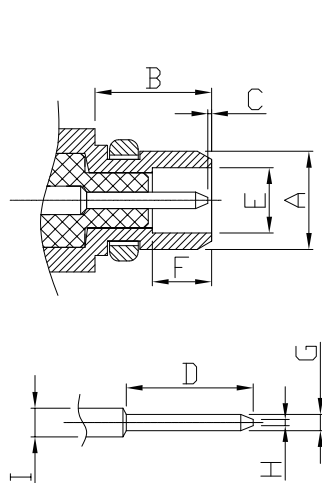
量都有要求的小型通讯、网络设备中连接射频同轴电缆。

MMCX series RF connector is a kind of miniature product smaller than MCX. It is small in size, light in weight, convenient and reliable in connection. It is widely used to connect radio frequency coaxial cables in small communication and network equipment that have requirements for system volume and weight.

界面尺寸

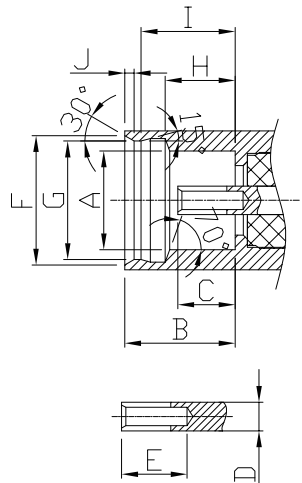
INTERFACE MATING DIMENSIONS

插头 Plug



Plug		
Code	Millimeters	
	Min	Max
A	-	2.40
B	2.70	-
C	0.00	0.25
D	-	3.15
E	1.58	1.62
F	1.45	-
G	0.38	0.42
H	-	0.20
I	0.70nom	

插座 Jack



Jack		
Code	Millimeters	
	Min	Max
A	2.41	-
B	2.60	-
C	0.90	1.20
D	0.70nom	
E	1.40	-
F	3.00	3.04
G	2.88	2.90
H	1.57	1.63
I	2.30	2.34
J	-	0.23

主要技术特性

MAJOR TECHNICAL CHARACTERISTICS

温度范围 Temp.range -55~+155℃

特性阻抗 Impedance 50Ω

频率范围 Frequency Range DC~6GHz

工作电压 Working Voltage 170V max (有效值)

耐压 Withstand Voltage 500V rms (海平面最小值)

接触电阻 Contact resistance

内导体之间 Center Contact $\leq 5 \text{ m}\Omega$

外导体之间 Outer Contact $\leq 2.5 \text{ m}\Omega$

绝缘电阻 Insulation resistance $\geq 1000 \text{ M}\Omega$

电压驻波比 VSWR

直式 Straight ≤ 1.15

弯式 Right angle ≤ 1.25

耐用性 Durability(mating) ≥ 500 次(cycles)

材料与涂覆

MATERIAL & PLATING

壳体 shell 黄铜 brass 镀硬金 gold plated

弹性接触件 elastic contact 铍青铜 beryllium 镀硬金 gold plated

内导体 inner conductor 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

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

o型密封件 o-ring sealing 硅橡胶 6146 silastic

适用技术标准

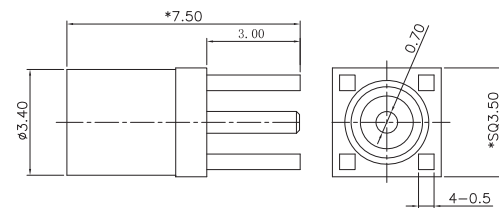
APPLICABLE STANDARD

CECC 22340

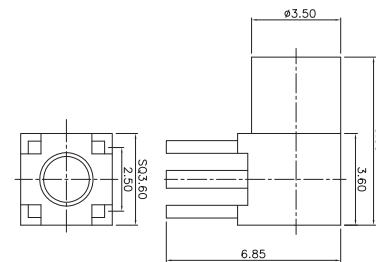
MMCX 微型射频同轴连接器 TYPE RF Connector

MMCX板端 MMCX board port

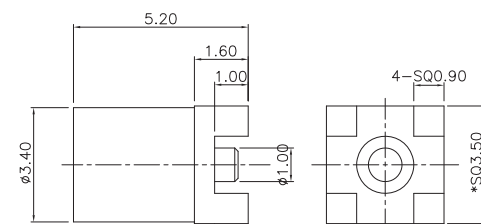
Name: MMCX JACK FOR PCB
Code: **HMT-MMCX-PCB-001**



Name: MMCX JACK FOR PCB
Code: **HMT-MMCX-PCB-002**

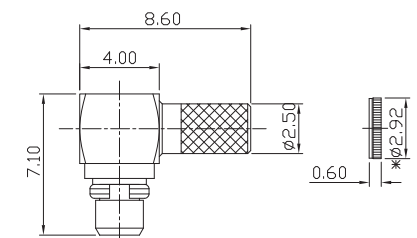
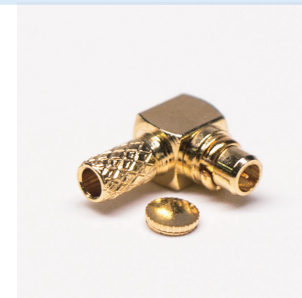


Name: MMCX JACK FOR PCB
Code: **HMT-MMCX-PCB-003**

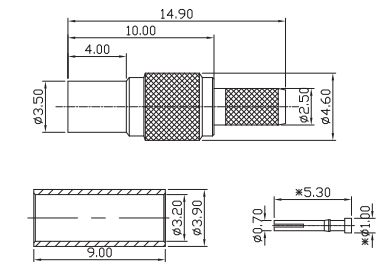


MMCX接线 MMCX wiring

Name: MMCX PLUG FOR CABLE
Code: **HMT-MMCX-CAB-004**



Name: MMCX JACK FOR CABLE
Code: **HMT-MMCX-CAB-005**



Name: MMCX JACK FOR CABLE
Code: **HMT-MMCX-CAB-006**

