

MCX

微型射頻同軸連接器
TYPE RF Connector

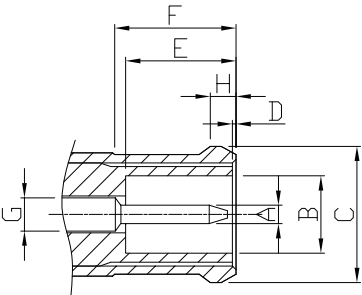
MCX 系列射频连接器是一种小型推入自锁式连接器，它具有体积小、重量轻、结构紧凑的特点。可用于对体积、重量及安装方式有要求的小型电子设备或网络系统。

MCX series RF connector is a small push-in self-locking connector, which has the characteristics of small size, light weight and compact structure. It can be used in small electronic devices or network systems that require volume, weight, and installation methods.

界面尺寸

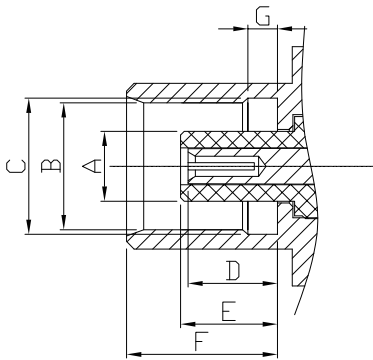
INTERFACE MATING DIMENSIONS

插头 Plug



Plug		
Code	Millimeters	
	Min	Max
A	0.48	0.53
B	2.00	2.07
C	3.72	3.80
D	0.00	0.30
E	2.80	3.20
F	4.16	-
G	0.95nom	
H	0.70	0.75

插座 Jack



Jack		
Code	Millimeters	
	Min	Max
A	1.80	1.98
B	3.42	3.48
C	3.61	3.76
D	2.31	2.79
E	2.61	2.79
F	4.00	4.12
G	0.75	0.85

主要技术特性

MAJOR TECHNICAL CHARACTERISTICS

温度范围	Temp.range	-65~+165℃
特性阻抗	Impedance	50Ω, 75Ω
频率范围	Frequency Range	DC~6GHz
工作电压	Working Voltage	250V (50Ω) 170V (75Ω)
耐 压	Withstand Voltage	750V (50Ω) 250V (75Ω)
接触电阻	Contact resistance	
内导体之间	Center Contact	≤ 5 mΩ
外导体之间	Outer Contact	≤ 2.5 mΩ
绝缘电阻	Insulation resistance	≥ 1000 MΩ
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
插针 contact pin	黄铜 brass	镀硬金 gold plated
插孔 socket	铍青铜 beryllium	镀硬金 gold 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 22220; IEC 61169-36.

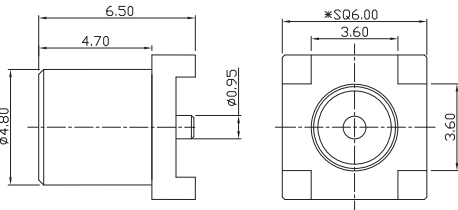
MCX

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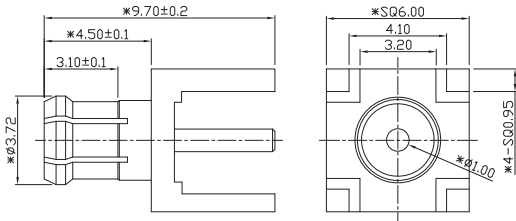
TYPE RF Connector

MCX板端 MCX board port

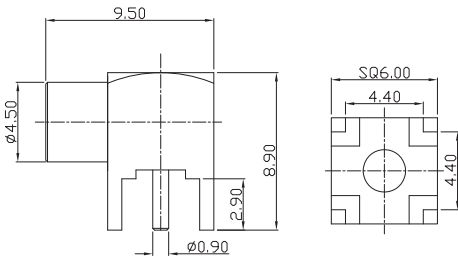
Name: MCX JACK FOR PCB
Code: **HMT-MCX-PCB-001**



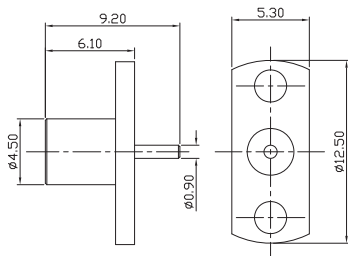
Name: MCX PLUG FOR PCB
Code: **HMT-MCX-PCB-002**



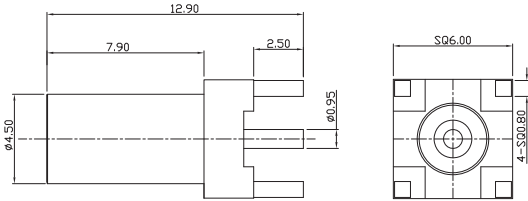
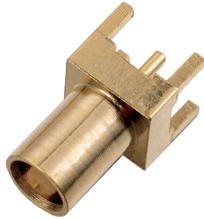
Name: MCX JACK FOR PCB
Code: **HMT-MCX-PCB-003**



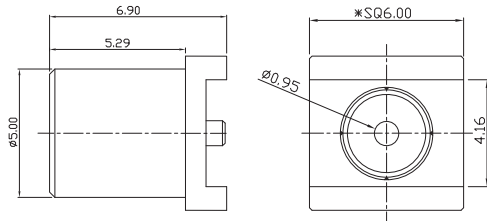
Name: MCX JACK FOR PCB
Code: **HMT-MCX-PCB-004**



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

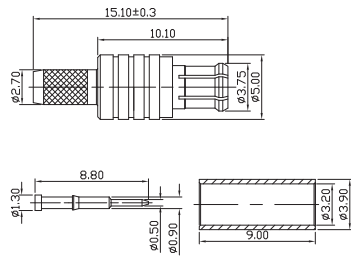


Name: MCX JACK FOR PCB
Code: **HMT-MCX-PCB-006**



MCX接线 MCX wiring

Name: MCX PLUG FOR CABLE
Code: **HMT-MCX-CAB-007**



Name: MCX PLUG FOR CABLE
Code: **HMT-MCX-CAB-008**

