



MCX(OSX)系列是一种微型推入式同轴连接器，其体积比SMB连接器小30%。适用于多种移动和固定通讯系统中对空间、重量、性能和易于安装有特殊要求的射频电路中。

界面尺寸和技术特性符合CECC22220规范要求。

Series MCX(OSX) are snap-on coupling micro-miniature coaxial connectors with 30% smaller size than SMB connectors, which are sure to fit most applications where space, weight, performance is easy to assembly in RF circuits of mobile and fixed communication system.

The interface dimensions and technical characteristics are in accord with the specifications of CECC 22220.

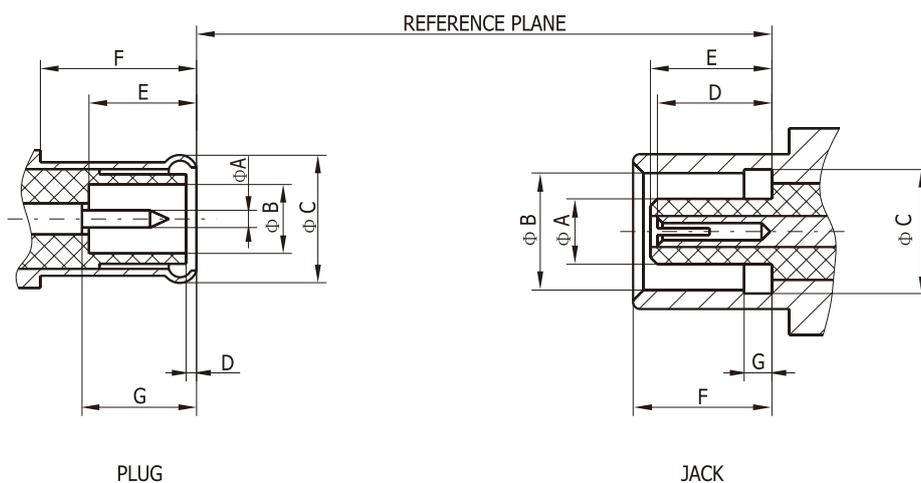


主要技术特性		KEY PERFORMANCE	
温度范围 Temperature range	-65~+155℃	绝缘电阻 Insulation resistance	≥1000MΩ
特性阻抗 Characteristic impedance	50Ω/75Ω	介质耐压 Dielectric Withstanding voltage	750V(rms)
频率范围 Frequency range	0~6GHz(50Ω) 0~1.5GHz(75Ω)	电压驻波比 VSWR	≤1.20(50Ω) ≤1.35(75Ω)
工作电压 Voltage rating	335V(rms)	插入损耗: Insertion loss:	0.1dB at 1GHz
接触电阻 Contact resistance	中心导体 Center conductor	寿命 Durability	500 Cycles
	外导体 Outer conductor		

材料与涂覆	MATERIAL AND PLATING
壳体 Body	黄铜镀硬金 Brass, gold plated
插针 Male center contacts	黄铜镀硬金 Brass, gold plated
插孔 Female center contacts	铍青铜镀硬金 Beryllium copper, gold plated
绝缘体 Insulators	聚四氟乙烯 PTFE
压接套 Crimp ferrules	铜合金镀镍或镀金 Copper alloy, nickel or gold plated
弹性接触件 Spring contacts	铍青铜镀硬金 Beryllium copper, gold plated



界面尺寸 (mm) Interface Dimensions in mm



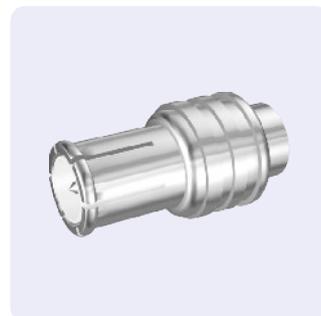
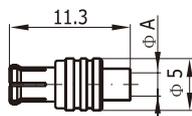
代号 Letter	插头 / Plug(male)		插座 / Jack(female)	
	最小 Minimum	最大 Maximum	最小 Minimum	最大 Maximum
A	0.48	0.53	1.80	1.97
B	2.00	2.07	3.43	3.48
C	3.66	3.76	3.61	3.75
D	0.00	0.30	2.31	2.79
E	2.81	3.20	2.61	2.79
F	4.15	—	4.00	4.12
G	2.81	3.20	0.75	0.85



1. 半刚电缆连接器 Semi-rigid Cable connectors

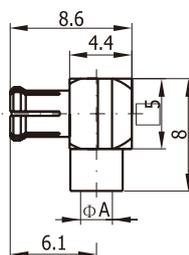
直式半刚电缆插头 Straight Cable Plugs

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
121A-7661	MCX-JB1	.047	A=1.3
121A-7662	MCX-JB2	.086	A=2.2



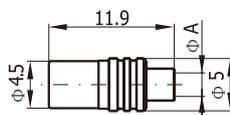
弯式半刚电缆插头 Right Angle Cable Plugs

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
123A-7661	MCX-JWB1	.047	A=1.3
123A-7662	MCX-JWB2	.086	A=2.2



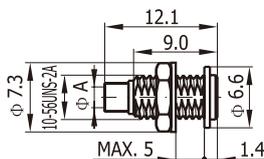
直式半刚电缆插座 Straight Cable Jacks

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
122A-7661	MCX-KB1	.047	A=1.3
122A-7662	MCX-KB2	.086	A=2.2



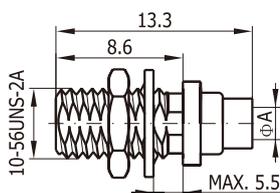
直式穿墙安装半刚电缆插座 Straight Bulkhead Cable Jacks

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	安装尺寸 Mounting Hole	备注 Notes
122A-2661	MCX-KYB1	.047	H31	A=1.3
122A-2662	MCX-KYB2	.086	H31	A=2.2



直式穿墙安装半刚电缆插座 Straight Bulkhead Cable Jacks

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	安装尺寸 Mounting Hole	备注 Notes
122A-2663	MCX-KYB1A	.047	H31	A=1.3
122A-2664	MCX-KYB2A	.086	H31	A=2.2

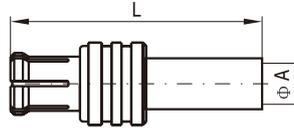




2. 软电缆连接器 Flexible Cable connectors

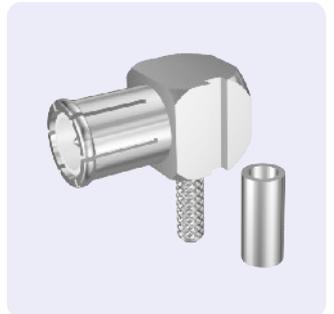
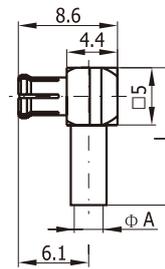
直式软电缆插头 Straight Cable Plugs

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
121A-7501	MCX-J2	2/50S	A=2.5 L=15.8
121A-7502	MCX-J3	2.5/3/50S	A=3.1 L=16.3
121A-7503	MCX-J2.5D	2.5/50D	A=3.4 L=17.3



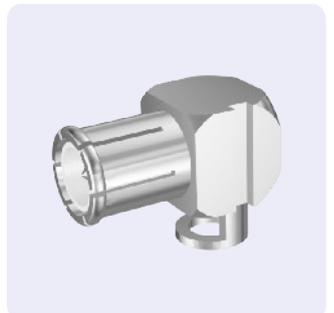
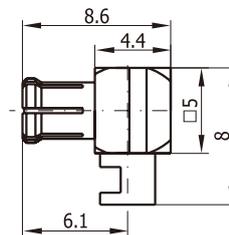
弯式软电缆插头 Right Angle Cable Plugs

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
123A-7501	MCX-JW2	2/50S	A=2.5 L=12.5
123A-7502	MCX-JW3	2.5/3/50S	A=3.1 L=13.0
123A-7503	MCX-JW2.5D	2.5/50D	A=3.4 L=14.0



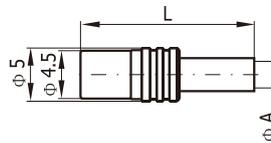
弯式软电缆插头 Right Angle Cable Plugs

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
123A-7663	MCX-JW3H	2.5/50S	



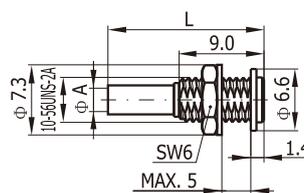
转式软电缆插座 Straight Cable Jacks

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
122A-7501	MCX-K2	2/50S	A=2.5 L=16.7
122A-7502	MCX-K3	2.5/3/50S	A=3.1 L=17.2
122A-7503	MCX-K2.5D	2.5/50D	A=3.4 L=18.2



直式穿墙安装软电缆插座 Straight Bulkhead Cable Jacks

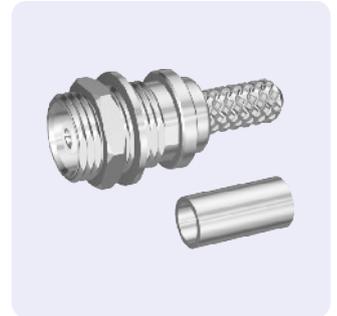
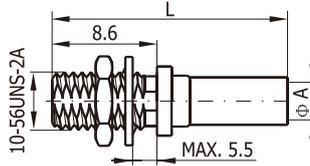
产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	安装尺寸 Mounting Hole	备注 Notes
122A-2501	MCX-KY2	2/50S	H31	A=2.5 L=17.6
122A-2502	MCX-KY3	2.5/3/50S	H31	A=3.1 L=18.1
122A-2503	MCX-KY2.5D	2.5/50D	H31	A=3.4 L=19.1





直式穿墙安装软电缆插座 Straight Bulkhead Cable Jacks

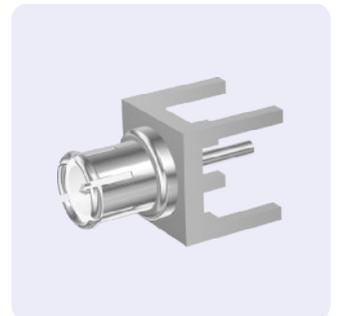
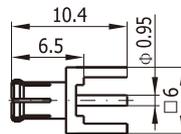
产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	安装尺寸 Mounting Hole	备注 Notes
122A-2504	MCX-KY2A	2/50S	H31	A=2.5 L=18.8
122A-2505	MCX-KY3A	2.5/3/50S	H31	A=3.1 L=19.3
122A-2506	MCX-KY2.5DA	2.5/50D	H31	A=3.4 L=20.3



2. 印制板连接器 PCB Connectors

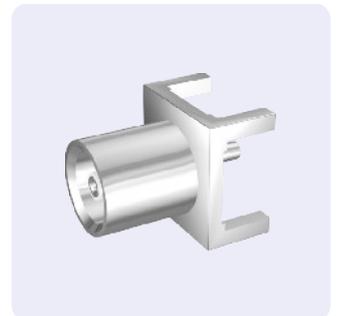
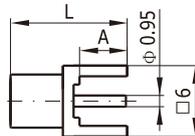
直式印制板插头 Straight PCB Plugs

产品编码 Product No.	产品名称 Product type	安装尺寸 Mounting Hole	备注 Notes
121A-4801	MCX-JHD	H62	



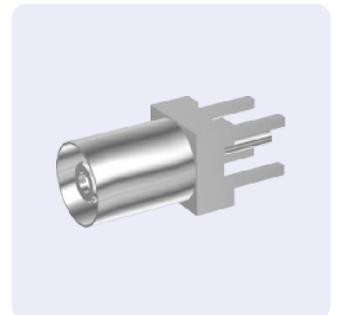
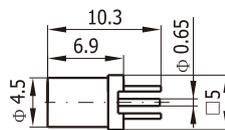
直式印制板插座 Straight PCB Jacks

产品编码 Product No.	产品名称 Product type	安装尺寸 Mounting Hole	备注 Notes
122A-4801	MCX-KHD1	H62	A=3.9 L=9.8
122A-4802	MCX-KHD2	H62	A=1.7 L=7.6
122A-4803	MCX-KHD3	H62	A=2.9 L=8.8



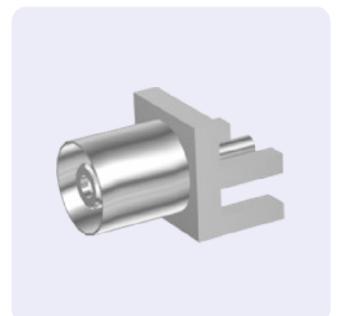
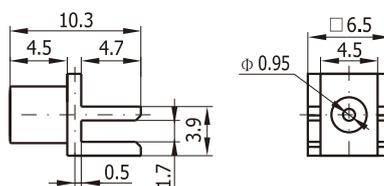
直式印制板插座 Straight PCB Jacks

产品编码 Product No.	产品名称 Product type	安装尺寸 Mounting Hole	备注 Notes
122A-4804	MCX-KHD4	H60	



直式印制板插座 Straight PCB Jacks

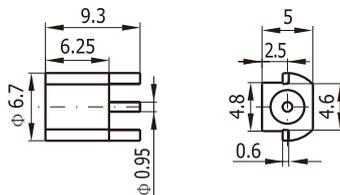
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122A-5801	MCX-KHDC	H104	





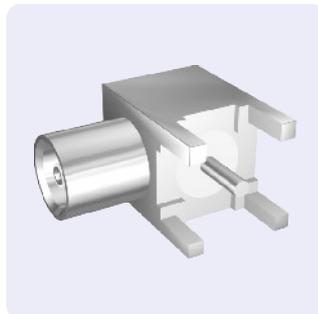
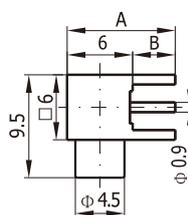
边沿表面贴装插座 Edge Surface Mount Jacks

产品编码 Product No.	产品名称 Product type	安装尺寸 Mounting Hole	备注 Notes
122A-6801	MCX-KHTC	H105	



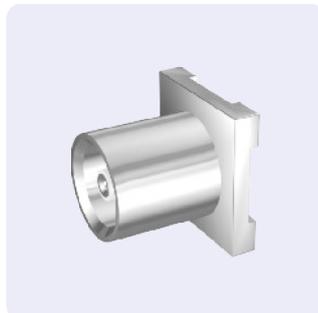
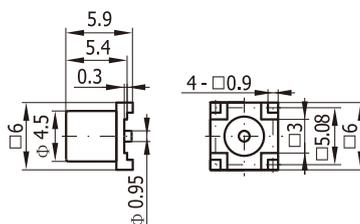
弯式印制板插座 Right Angle Jacks

产品编码 Product No.	产品名称 Product type	安装尺寸 Mounting Hole	备注 Notes
124A-4801	MCX-KWHD1	H62	A=1.7 L=7.7
124A-4802	MCX-KWHD2	H62	A=2.9 L=8.9
124A-4803	MCX-KWHD3	H62	A=3.9 L=9.9



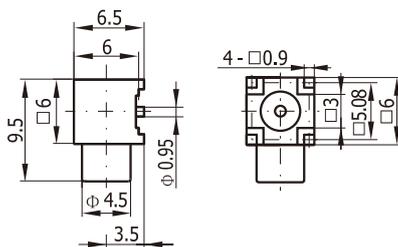
垂直表面贴装插座 Vertical Surface Mount Jacks

产品编码 Product No.	产品名称 Product type	安装尺寸 Mounting Hole	备注 Notes
122A-6801	MCX-KHT	H57	



弯式表面贴装插座 Right Angle Surface Mount Jacks

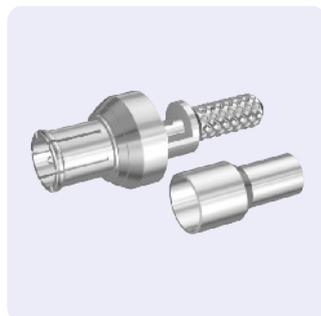
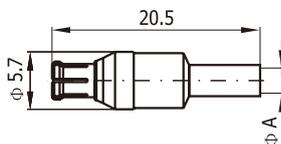
产品编码 Product No.	产品名称 Product type	安装尺寸 Mounting Hole	备注 Notes
124A-6801	MCX-KWHT	H57	





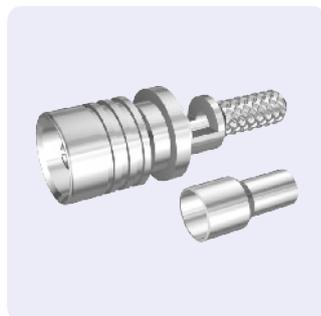
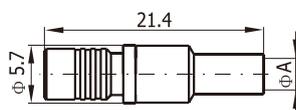
1. 软电缆连接器 Flexible Cable connectors 直式软电缆插头 Straight Cable Plugs

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
711A-7501	MCX-75J2C	2/75S	A=2.5
711A-7502	MCX-75J3C	2.5/3/75S	A=3.1



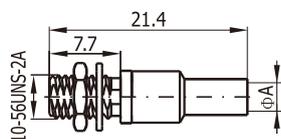
直式软电缆插座 Straight Cable Jacks

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
712A-7501	MCX-75K2C	2/75S	A=2.5
712A-7502	MCX-75K3C	2.5/3/75S	A=3.1



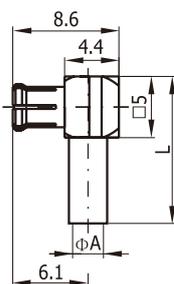
直式穿墙安装软电缆插座 Straight Bulkhead Cable Jacks

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	安装尺寸 Mounting Hole	备注 Notes
712A-2501	MCX-75KY2C	2/75S	H31	A=2.5
712A-2502	MCX-75KY3C	2.5/3/75S	H31	A=3.1



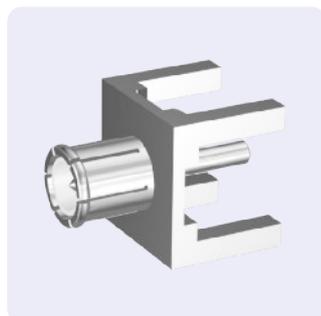
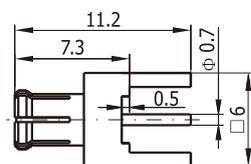
弯式软电缆插头 Right Angle Cable Plugs

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
713A-7501	MCX-75JW2	2/75S	A=2.5 L=12.5
713A-7502	MX-75JW3	2.5/3/75S	A=3.1 L=13.0



2. 印制板连接器 PCB connectors 直式印制板插头 Straight PCB Plugs

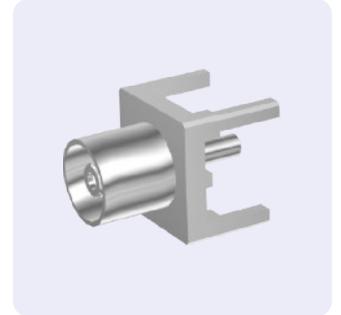
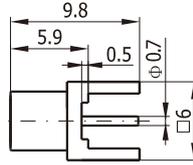
产品编码 Product No.	产品名称 Product type	安装尺寸 Mounting Hole	备注 Notes
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直式印制板插座 Straight PCB Jacks

产品编码 Product No.	产品名称 Product type	安装尺寸 Mounting Hole	备注 Notes
712A-4801	MCX-75KHD	H62	



弯式印制板插座 Right Angle PCB Jacks

产品编码 Product No.	产品名称 Product type	安装尺寸 Mounting Hole	备注 Notes
714A-4801	MCX-75KWHD	H62	

