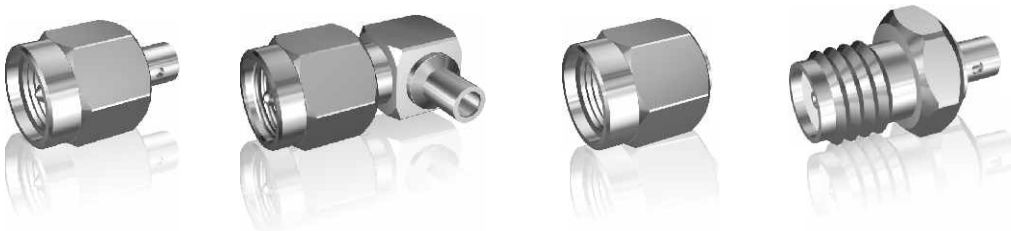


SMA系列是应用非常广泛的小型螺纹式同轴连接器。具有良好的可靠性、机械强度、耐用性和极佳的电气性能。主要用于移动通讯设备和电子通讯仪器中连接射频电路。

界面尺寸和技术特性符合MIL-C-39012, IEC169-15和 CECC22110规范要求。

Series SMA are very popular thread coupling miniature coaxial connectors. Which have the excellent performances of high reliability, high mechanical strength, high durability, and optimum electrical properties. are widely used to connect RF coaxial cables for mobile communication equipments and electronic communication instruments.

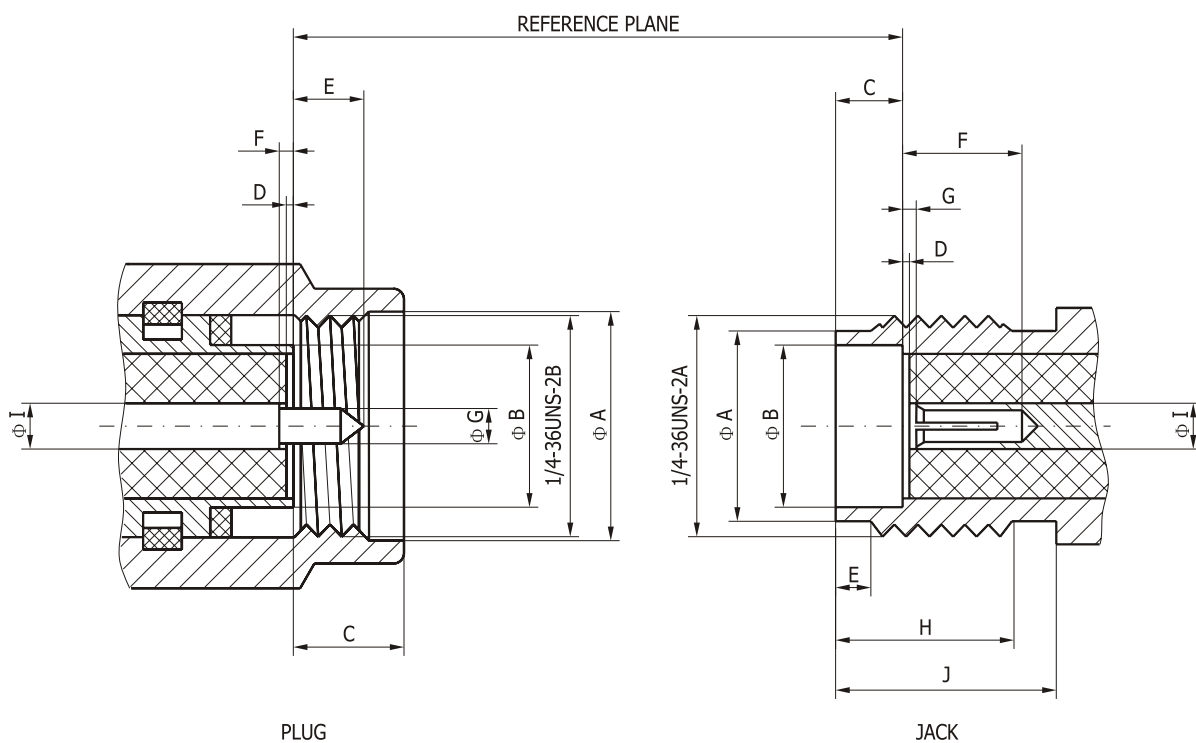
The interface dimensions and technical characteristics are in accord with the specifications of MIL-C-39012, IEC 169-15 and CECC 22110.



主要技术特性			KEY PERFORMANCE		
温度范围 Temperature range		-65~+165℃	绝缘电阻 Insulation resistance		≥ 5000MΩ
特性阻抗 Characteristic impedance		50 Ω	介质耐压 Dielectric Withstanding voltage		1000V(rms)
频率范围 Frequency range	配软电缆 With flexible cable	0~12.4GHz	接触电阻 Contact resistance	中心导体 Center conductor	≤ 3mΩ
	配半刚、半柔性电缆 With semi-rigid/flexible cable	0~18GHz		外导体 Outer conductor	≤ 2mΩ
电压驻波比 VSWR	配软电缆 With flexible cable	≤ 1.15+0.02F	寿命 Durability		500次
	配半刚、半柔性电缆 With semi-rigid/flexible cable	≤ 1.05+0.02F			

材料与涂覆	MATERIAL AND PLATING
壳体 Body	黄铜镀硬金或不锈钢表面钝化 Brass, gold plated or stainless steel passivated
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
密封件 Gaskets	硅橡胶 Silicon rubber
压接套 Crimp ferrules	铜合金镀镍或镀金 Copper alloy, gold or nickel plated

界面尺寸 (mm) Interface Dimensions in mm

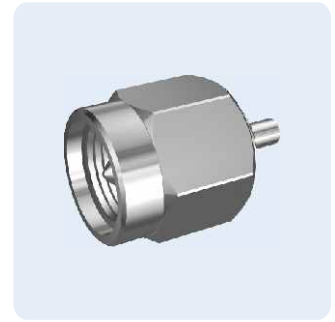
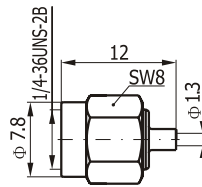


代 号 Letter	插头 / Plug(male)		插座 / Jack(female)	
	最 小 Minimum	最 大 Maximum	最 小 Minimum	最 大 Maximum
A	6.35	6.73	5.28	5.49
B	4.53	4.59	4.60	4.70
C	2.54	3.43	1.88	1.98
D	0.00	0.18	0.00	0.18
E	1.91	2.54	0.38	1.14
F	0.00	0.25	2.92	—
G	0.90	0.94	0.00	0.25
H	—	—	4.32	—
I	1.24	—	1.24	1.30
J	—	1.30	5.54	—

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

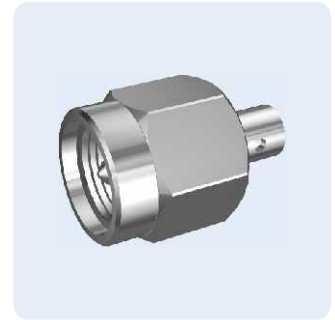
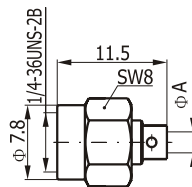
直式半刚电缆插头 Straight Cable Plugs

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
181A-7661	SMA-JB0.7	.034	
181A-7662	SMA-JB1	.047	



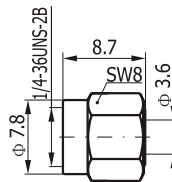
直式半刚电缆插头 Straight Cable Plugs

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
181A-7663	SMA-JB2	.086	A=2.2
181A-7664	SMA-JB3	.141	A=3.6
181D-7661	SMA-JB2G	.086	A=2.2
181D-7662	SMA-JB3G	.141	A=3.6



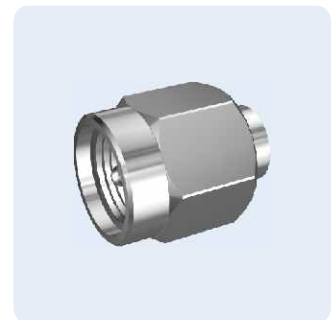
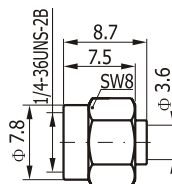
直式半刚电缆插头 Straight Cable Plugs

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
181A-7665	SMA-JB3A	.141	



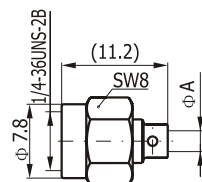
直式半刚电缆插头 Straight Cable Plugs

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
181A-7666	SMA-JB3B	.141	



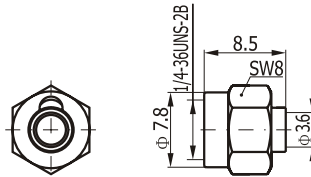
直式半刚电缆插头 Straight Cable Plugs

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
181A-7667	SMA-JB2E	.086	A=2.2
181A-7668	SMA-JB3E	.141	A=3.6



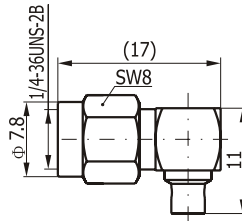
直式半刚电缆插头 Straight Cable Plugs

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
181D-7663	SMA-JB3CG	.141	



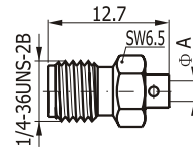
弯式半刚电缆插头 Right Angle Cable Plugs

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
183A-7661	SMA-JWB1	.041	A=1.3
183A-7662	SMA-JWB2	.086	A=2.2
183A-7663	SMA-JWB3	.141	A=3.6



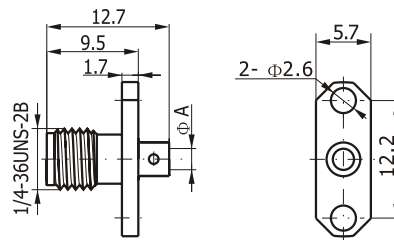
直式半刚电缆插座 Straight Cable Jacks

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
182A-7661	SMA-KB0.7	.047	A=1.3
182A-7662	SMA-KB1	.047	A=1.3
182A-7663	SMA-KB2	.086	A=2.2
182A-7664	SMA-KB3	.141	A=3.6



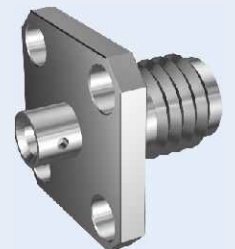
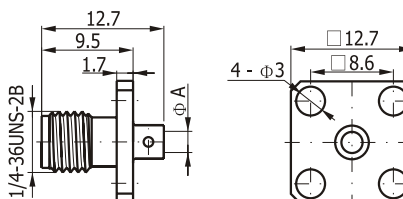
直式法兰安装半刚电缆插座 Straight Flange Cable Jacks

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
182A-1661	SMA-KFB1	.047	H53	A=1.3
182A-1662	SMA-KFB2	.086	H53	A=2.2
182A-1663	SMA-KFB3	.141	H53	A=3.4



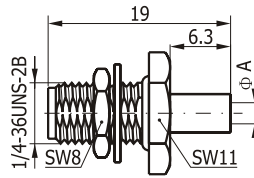
直式法兰安装半刚电缆插座 Straight Flange Cable Jacks

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
182A-1664	SMA-KFB1A	.041	H72	A=1.3
182A-1665	SMA-KFB2A	.086	H72	A=2.2
182A-1666	SMA-KFB3A	.141	H72	A=3.6



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

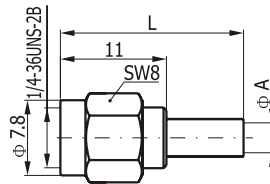
产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	安装尺寸 Mounting Hole	备注 Notes
182A-2661	SMA-KYB2	.086	H33	A=2.2
182A-2662	SMA-KYB3	.141	H33	A=3.6



2. 软电缆连接器 Flexible Cable connectors

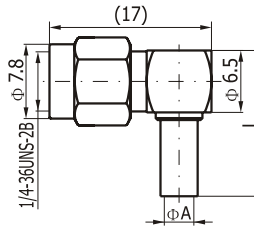
直式软电缆插头 Straight Cable Plugs

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
181A-7501	SMA-J2	2/50S	A=2.5 L=18.5
181A-7502	SMA-J3	2.5/3/50S	A=3.1 L=19.0
181A-7503	SMA-J2.5D	2.5/50D	A=3.4 L=20.0
181A-7504	SMA-J5	5/50S	A=5.2 L=23.0
181A-7505	SMA-J5D	5/50D	A=5.7 L=24.5



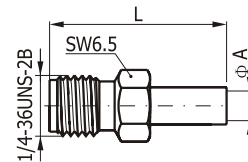
弯式软电缆插头 Right Angle Cable Plugs

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
183A-7501	SMA-JW2	2/50S	A=2.5 L=14.8
183A-7502	SMA-JW3	2.5/S/50S	A=3.1 L=15.3
183A-7503	SMA-JW2.5D	2.5/50D	A=3.4 L=16.3
183A-7504	SMA-JW5	5/50S	A=5.2 L=19.3
183A-7505	SMA-JW5D	5/50D	A=5.7 L=20.8



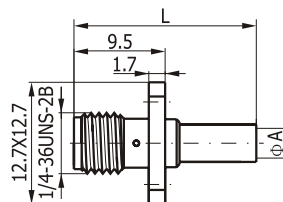
直式软电缆插座 Straight Cable Jacks

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
182A-7501	SMA-K3	2.5/3/50S	A=3.1 L=18.5
182A-7502	SMA-K2.5D	2.5/50D	A=3.4 L=19.5
182A-7503	SMA-K5	5/50S	A=5.2 L=22.5
182A-7504	SMA-K5D	5/50D	A=5.7 L=24.0



直式法兰安装软电缆插座 Straight Flange 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
182A-1501	SMA-KF3	2.5/3/50S	H73	A=3.1 L=19.0
182A-1502	SMA-KF2.5D	2.5/50D	H73	A=3.4 L=20.0
182A-1503	SMA-KF5	5/50S	H73	A=5.2 L=23.0
182A-1504	SMA-KF5D	5/50D	H73	A=5.7 L=24.5





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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
182A-2501	SMA-KY3	2.5/3/50S	H33	A=3.1 L=21.7
182A-2502	SMA-KY2.5D	2.5/50D	H33	A=3.4 L=22.7
182A-2503	SMA-KY5	5/50S	H33	A=5.2 L=25.7
182A-2504	SMA-KY5D	5/50D	H33	A=5.7 L=27.2

