



SMC系列是一种螺纹连接式小型射频同轴连接器。具有重量轻，体积小和抗振动的特点。适用于低电压驻波比要求的移动通讯设备及仪器中连接射频电路。

界面尺寸和技术特性符合MIL-C-39012, IEC169-9, CECC22140, 和VG9286规范要求。

Series SMC are screw coupling miniature coaxial connectors. which have the excellent performances of light weight, small size and vibration-proof, are especially suitable for connecting RF circuits with RF coaxial cables in mobile equipment and instrument with low VSWR requirement.

The interface dimensions and technical characteristics are in accord with the specifications of MIL-C-39012, IEC60169-9, CECC 22140 and VG95286.

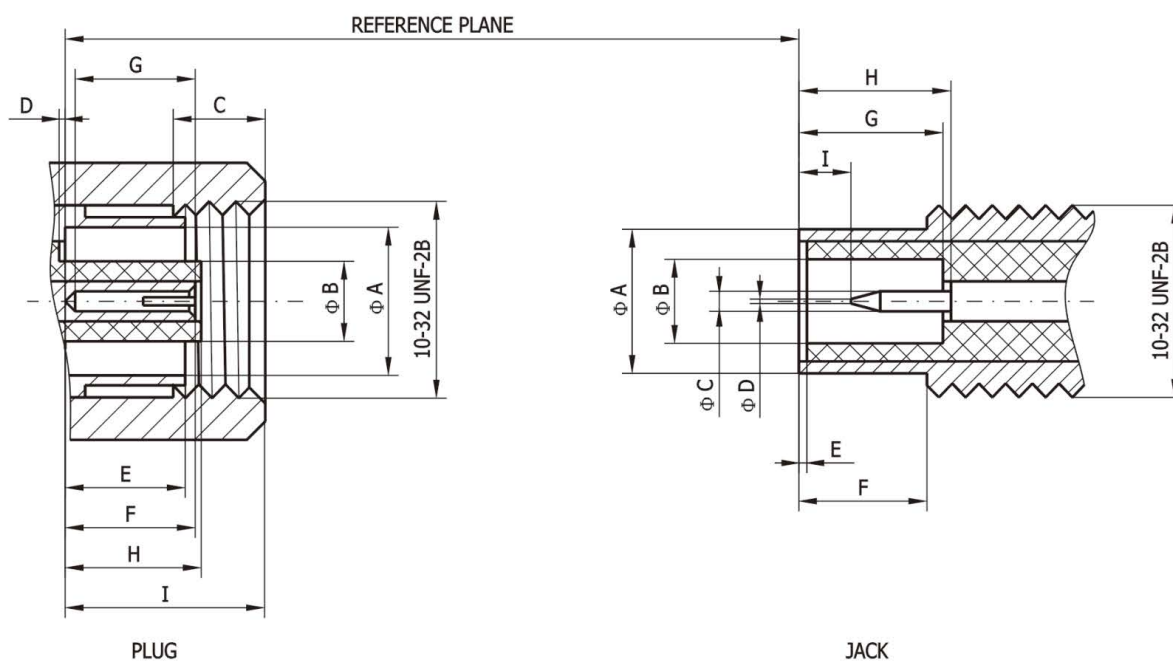


主要技术特性		KEY PERFORMANCE	
温度范围 Temperature range	-65~+165℃	介质耐压 Dielectric Withstanding voltage	750V(rms)
特性阻抗 Characteristic impedancd	50 Ω	工作电压 Voltage rating	250V(rms)
频率范围 Frequency range	0~10GHz	电压驻波比 VSWR	直式≤1.25 弯式≤1.35
绝缘电阻 Insulation resistance	≥ 1000MΩ	寿 命 Durability	500 Cycles

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,gold or nickel plated



界面尺寸 (mm) Interface Dimensions in mm



代 号 Letter	插头 / Plug(female)		插座 / Jack(male)	
	最 小 Minimum	最 大 Maximum	最 小 Minimum	最 大 Maximum
A	3.73	3.81	3.63	3.71
B	2.00	2.06	2.08	2.16
C	2.79	—	0.48	0.53
D	0.00	0.30	—	0.25
E	—	3.10	0.00	0.30
F	3.05	3.40	3.12	3.38
G	2.79	—	3.40	3.66
H	3.15	3.40	3.40	3.76
I	—	5.92	0.61	—



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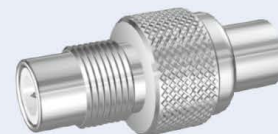
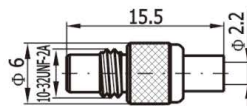
SMC

系列射频同轴连接器
SERIES SMC RF COAXIAL CONNECTORS

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

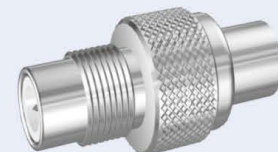
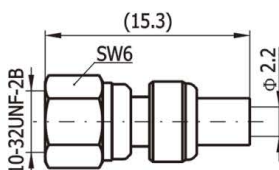
直式半刚电缆插座 Straight Cable Jacks

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
161A-7661	SMC-JB2	.086	



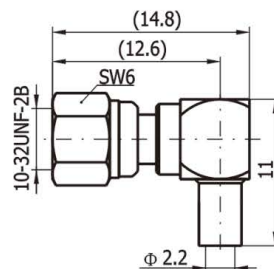
直式半刚电缆插头 Straight Cable Plugs

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
162A-7661	SMC-KB2	.086	



弯式半刚电缆插头 Right Angle Cable Plugs

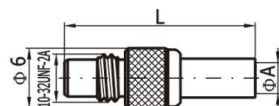
产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
164A-7661	SMC-KWB2	.086	



2. 软电缆连接器 Flexible Cable Connectors

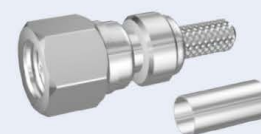
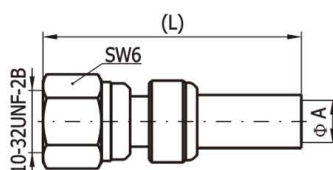
直式软电缆插座 Straight Cable Jacks

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
161A-7501	SMC-J2Y	2/50S	A=2.5 L=18.7
161A-7502	SMC-J3Y	2.5/3/50S	A=3.1 L=19.2
161A-7503	SMC-J2.5DY	2.5/50D	A=3.4 L=20.2



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
162A-7501	SMC-K2Y	2/50S	A=2.5 L=18.5
162A-7502	SMC-K3Y	2.5/3/50S	A=3.1 L=19.0
162A-7503	SMC-K2.5DY	2.5/50D	A=3.4 L=20.0



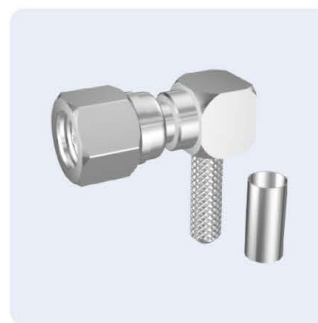
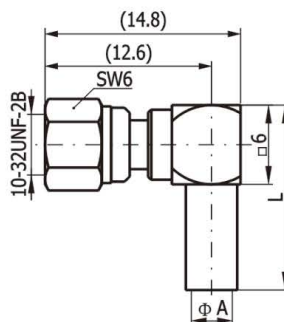


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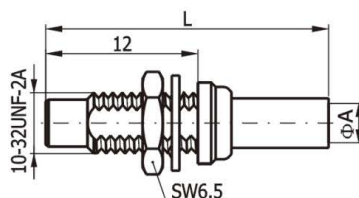
弯式软电缆插头 Right Angle Cable Plugs

产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	备注 Notes
164A-7501	SMC-KW2	2/50S	A=2.5 L=13.5
164A-7502	SMC-KW3	2.5/3/50S	A=3.1 L=14.0
164A-7503	SMC-KW2.5D	2.5/50D	A=3.4 L=15.0



直式穿墙安装插座 Straight Bulkhead Cable Jacks

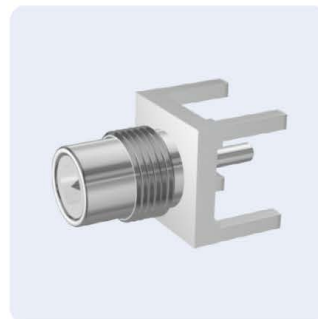
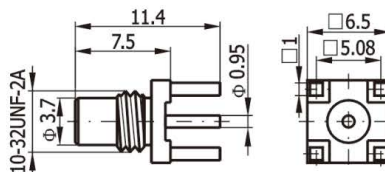
产品编码 Product No.	产品名称 Product type	适用电缆 Apply cable	安装尺寸 Mounting Hole	备注 Notes
161A-2501	SMC-JY3	2.5/3/50S	H31	A=3.1
161A-2502	SMB-JY2.5D	2.5/50D	H31	A=3.4



3. 印制板连接器 PCB Connectors

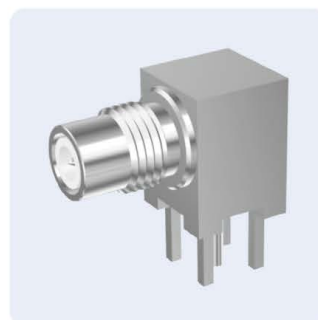
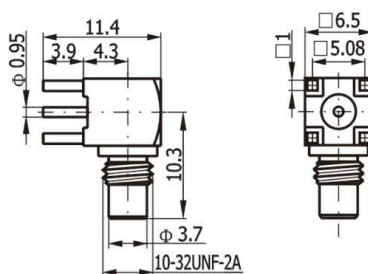
直式印制板插座 Straight PCB Jacks

产品编码 Product No.	产品名称 Product type	安装尺寸 Mounting Hole	备注 Notes
161A-4801	SMC-JHD	H64	



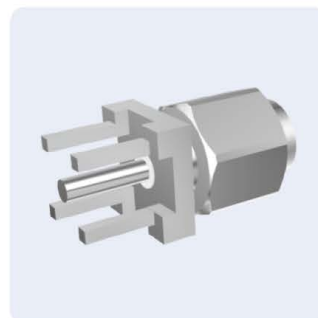
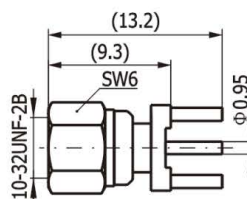
弯式印制板插座 Right Angle PCB Jacks

产品编码 Product No.	产品名称 Product type	安装尺寸 Mounting Hole	备注 Notes
163A-4801	SMC-JWHD	H64	



直式印制板插头 Straight PCB Plugs

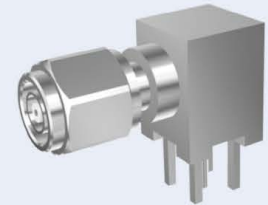
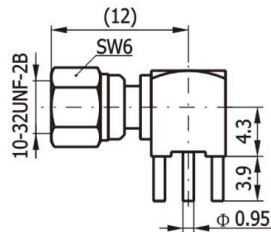
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162A-4801	SMC-KHD	H64	





弯式软电缆插头 Right Angle Cable Plugs

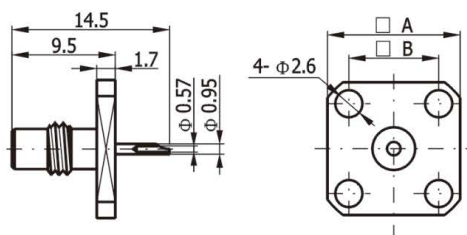
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164A-4801	SMC-KWHD	H64	



4. 法兰安装连接器 Flange Mounted Connectors

直式法兰安装插座 Straight Flange Jacks

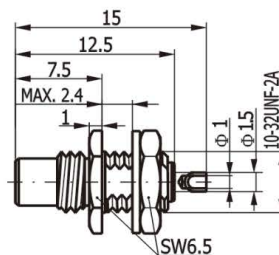
产品编码 Product No.	产品名称 Product type	安装尺寸 Mounting Hole	备注 Notes
161A-0001	SMC-JFD	H68	A=12.7 B=8.6
161A-0002	SMC-JFD1	H74	A=9.5 B=5.9



5. 穿墙安装连接器 Bulkhead Mounted Connectors

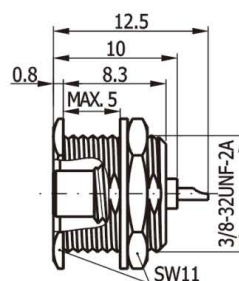
直式穿墙安装插座 Straight Bulkhead Jacks

产品编码 Product No.	产品名称 Product type	安装尺寸 Mounting Hole	备注 Notes
161A-2801	SMC-JY	H31	A=12.7 B=8.6



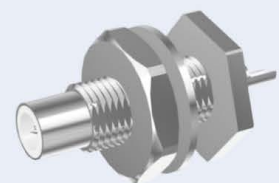
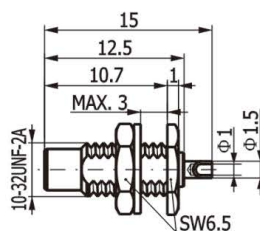
直式穿墙安装插座 Straight Bulkhead Jacks

产品编码 Product No.	产品名称 Product type	安装尺寸 Mounting Hole	备注 Notes
161A-2802	SMC-JYA	H5	



直式穿墙安装插座 Straight Bulkhead Jacks

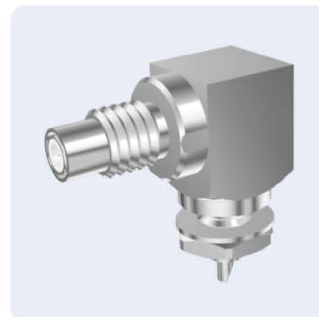
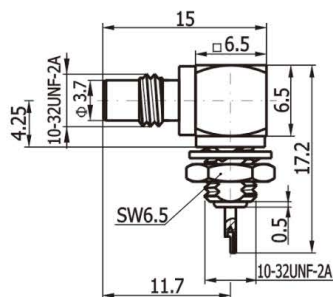
产品编码 Product No.	产品名称 Product type	安装尺寸 Mounting Hole	备注 Notes
161A-2803	SMC-JYB	H31	A=12.7 B=8.6





弯式穿墙安装插座 Right Angle Jacks

产品编码 Product No.	产品名称 Product type	安装尺寸 Mounting Hole	备注 Notes
163A-2801	SMC-JWYA	H31	



弯式穿墙安装插头 Right Angle Plugs

产品编码 Product No.	产品名称 Product type	安装尺寸 Mounting Hole	备注 Notes
162A-2801	SMC-KY	H31	

