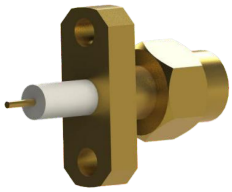
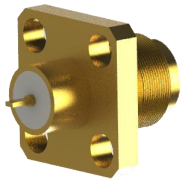
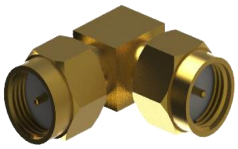
SMA Series RF Coaxial Connector

Product introduction

a. It has the advantages of small size, wide frequency range, reliable mechanical and electrical performance, etc. It is currently the most widely used coaxial RF connector.
b. Used in communications, aerospace, navigation, weapon systems and microwave measurement equipment and other fields.

Product Display



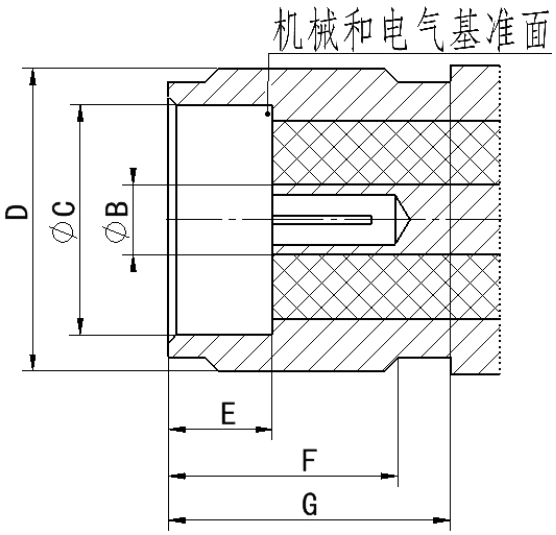
Main Technical Parameters

— Frequency Range:
✓ With Flexible Cable 0～12.4GHz
✓ Semi-Flexible Cable 0～18GHz
— Ambient Temperature: -55° C～+155° C
— Characteristic Impedance: 50Ω
— Voltage Standing Wave Ratio:
✓ With Soft Cable: ≤1.15+0.02F
✓ With Semi-Rigid And Semi-Flexible Cables ≤1.10+0.02F

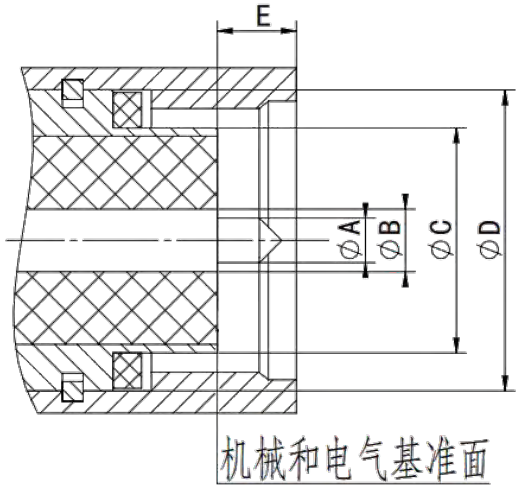
— Insulation Resistance: ≥5000MΩ
— Working Voltage: 330V
— Dielectric Withstand Voltage: 1000V
— Contact Resistance:
✓ Center Conductor: <3mΩ
✓ Outer Conductor: <2mΩ
— Mechanical Life: 500 Plug And Unplug Times

SMA Ultra-Small Blind Mate RF Coaxial Connector

Partial Fit Size (mm)



SMA Series Jack Contact Connector Interface		
symbol	Min(mm)	Max(mm)
B	1.27 (nominal)	
C	4.6	4.67
D	1/4-36UNS-2A	
E	1.88	1.98
F	4.32	--
G	5.54	--

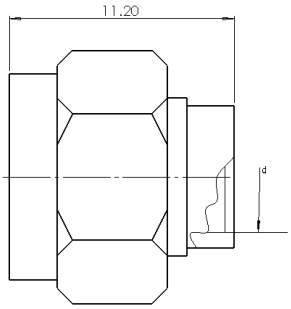


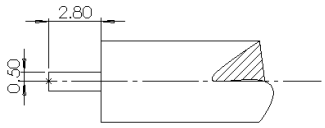
SMA Series Pin Contact Connector Interface		
symbol	Min(mm)	Max(mm)
A	0.9	0.94
B	1.27 (nominal)	
C	4.34	4.59
D	1/4-36UNS-2B	
E	--	3.43

SMA Ultra-Small Blind Mate RF Coaxial Connector

SMA-JB2 etc.





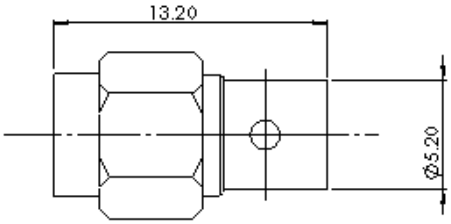


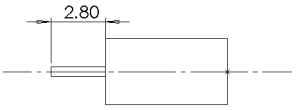
电缆剥线尺寸

Type	d	Cable type
SMA-JB2	Φ2.2	SFT-50-2-1
SMA-JB3	Φ3.6	SFT-50-3-1

SMA-JB3C



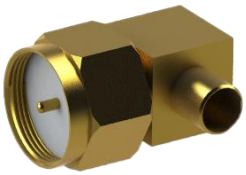


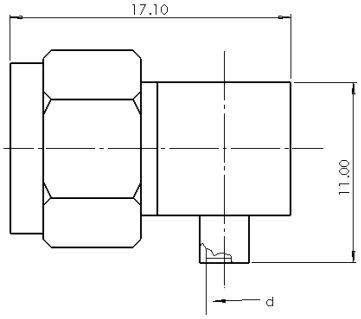


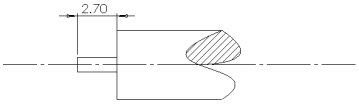
电缆剥线尺寸

Cable type:SFT-50-3-1

SMA-JWB2 etc.



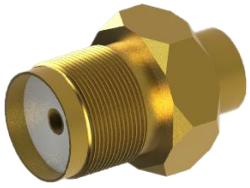


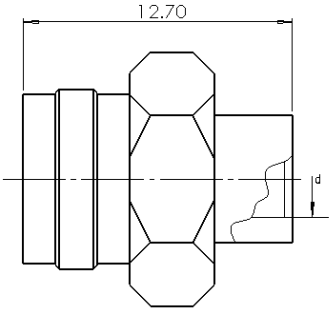


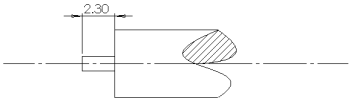
电缆剥线尺寸

Type	d	Cable type
SMA-JWB2	Φ2.2	SFT-50-2-1
SMA-JWB3	Φ3.6	SFT-50-3-1

SMA-KB2 etc.



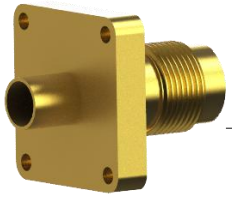


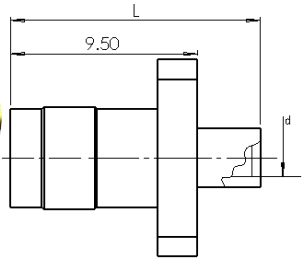


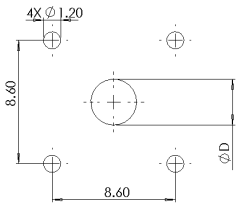
电缆剥线尺寸

Type	d	Cable type
SMA-KB2	Φ2.2	SFT-50-2-1
SMA-KB3	Φ3.6	SFT-50-3-1

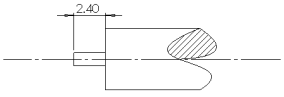
SMA-KFB1 etc.







建议安装开孔尺寸

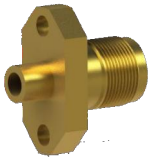


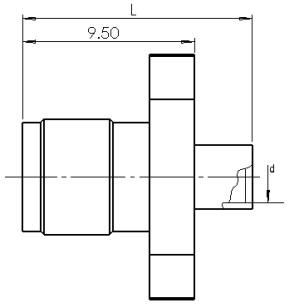
电缆剥线尺寸

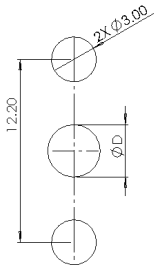
Type	d	D	L	Cable type
SMA-KFB1	Φ1.2	Φ3.2	12.7	SFT-50-1
SMA-KFB2a	Φ2.2	Φ3.5	12.7	SFT-50-2-1
SMA-KFB3A	Φ3.6	Φ5	14.2	SFT-50-3-1

SMA Ultra-Small Blind Mate RF Coaxial Connector

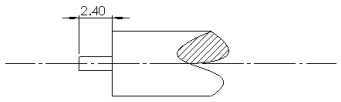
◆ SMA-KFB2 etc.







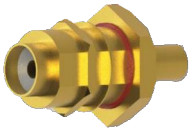
建议安装开孔尺寸

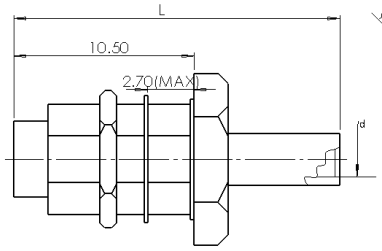


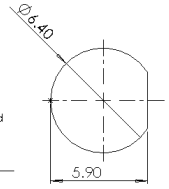
电缆剥线尺寸

Type	d	D	L	Cable type
SMA-KFB1	Φ1.2	Φ3.2	12.7	SFT-50-1
SMA-KFB2a	Φ2.2	Φ3.5	12.7	SFT-50-2-1

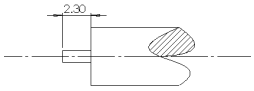
◆ SMA-KYB2 etc.







建议安装开孔尺寸

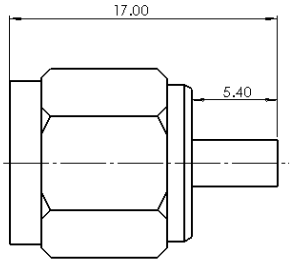


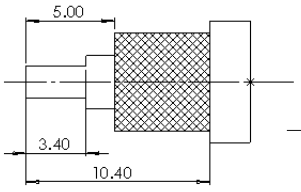
电缆剥线尺寸

Type	d	L1	Cable type
SMA-KYB2	Φ2.2	19	SFT-50-2-1
SMA-KYB3	Φ3.6	19	SFT-50-3-1
SMA-KYB3A	Φ3.6	15.9	SFT-50-3-1

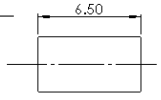
◆ SMA-J3







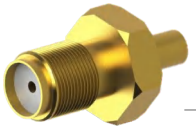
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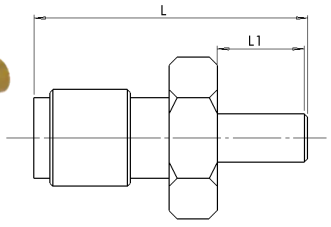


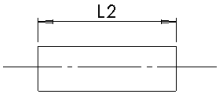
线夹

Type	Cable type
SMA-JWB2	SFT-50-2-1

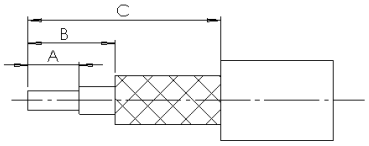
◆ SMA-K3 etc.







线夹

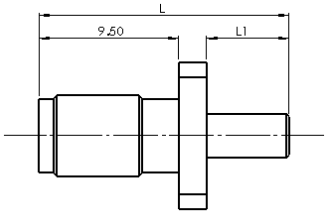


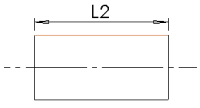
电缆剥线尺寸

Type	L	L1	L2	A	B	C	Cable type
SMA-K3	17	5.6	6.5	2.7	4.6	10.2	SFF-50-1.5-1、SYV-50-2-1
SMA-K4	20	8	10	2.5	4.2	12.2	SFF-50-2-2、SYV-50-2-2
SMA-K5	22	10	12	2.5	4.2	14.2	SFF-50-3、SYV-50-3-1

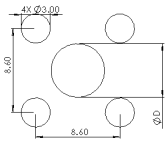
◆ SMA-KF3 etc.



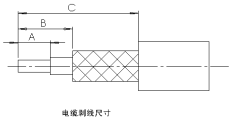




线夹



建议安装开孔尺寸

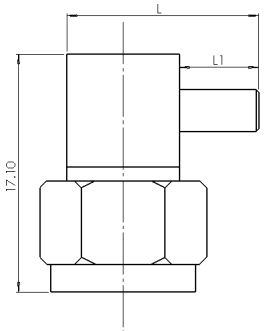


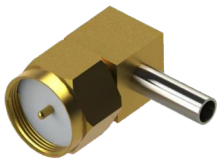
电缆剥线尺寸

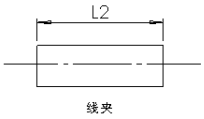
Type	A	B	C	D	L	L1	L2	Cable type
SMA-KF3	2.7	4.6	10.2	Φ5.5	17	5.6	6.5	SFF-50-1.5-1、SYV-50-2-1
SMA-KF4	2.5	4.2	12.2	Φ6.2	20	8	10	SFF-50-2-2、SYV-50-2-2
SMA-KF5	2.5	4.2	14.2	Φ7.2	22	10	12	SFF-50-3、SYV-50-3-1

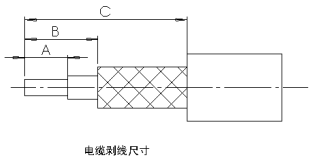
SMA Ultra-Small Blind Mate RF Coaxial Connector

◆ SMA-JW2 etc.





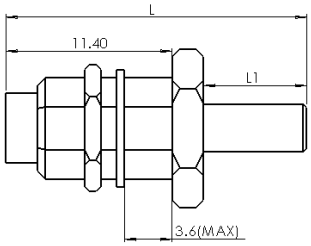


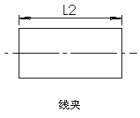


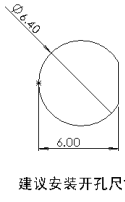
Type	L	L1	L2	A	B	C	Cable type
SMA-JW2	13	5.7	6.5	2.7	4.6	10.2	SFF-50-1、SYV-50-1
SMA-JW3	13	5.7	6.5	2.7	4.6	10.2	SFF-50-1.5-1、SYV-50-2-1
SMA-JW4	16	8	10	3	5	13	SFF-50-2-2、SYV-50-2-2
SMA-JW5	18	10	12	3	5	15	SFF-50-3-1、SYV-50-3

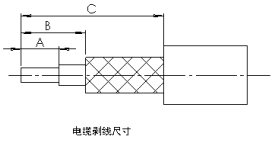
◆ SMA-KY3 etc.







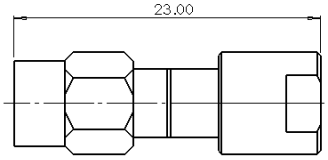




Type	L	L1	L2	A	B	C	Cable type
SMA-KY3	18.8	5.6	6.5	2.5	6.7	12.3	SFF-50-1.5-1、SYV-50-2-1
SMA-KY4	21.2	8	10	2.5	5.4	13.4	SFF-50-2-2、SYV-50-2-2
SMA-KY5	23.2	10	12	2.5	5.4	15.4	SFF-50-3-1、SYV-50-3

◆ SMA-J301

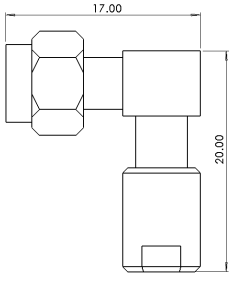




Type	Cable type
SMA-J301	SUV-50-3-5

◆ SMA-JW301

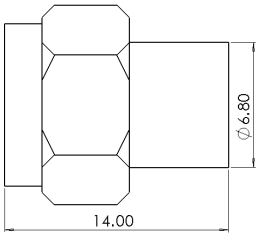




Type	Cable type
SMA-JW301	SUV-50-3-5

◆ SMA-JR

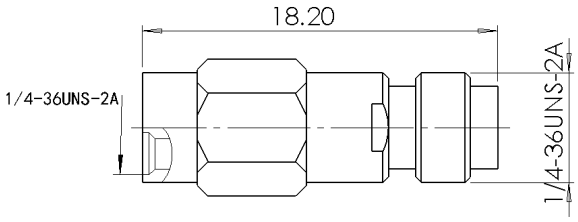




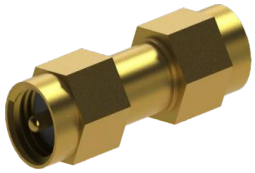
SMA Ultra-Small Blind Mate RF Coaxial Connector

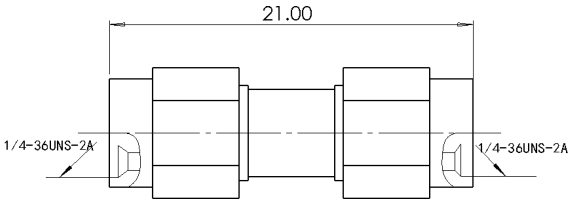
SMA-JK



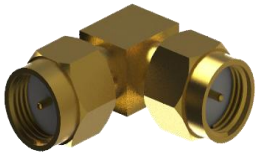


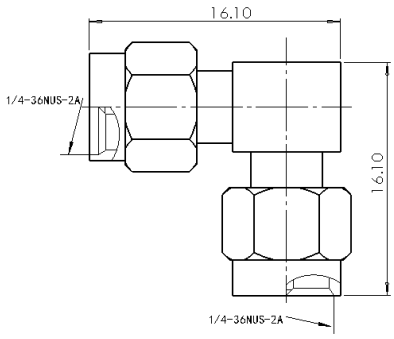
SMA-JJ





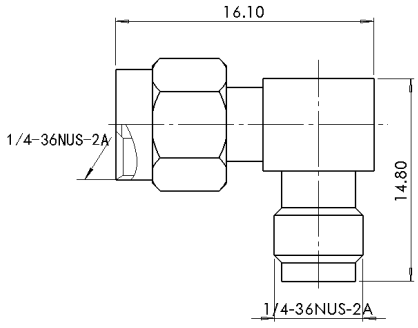
SMA-JWJ



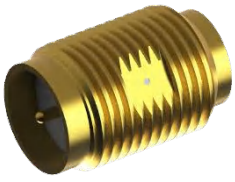


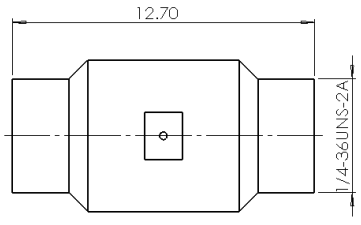
SMA-JWK





SMA-KK

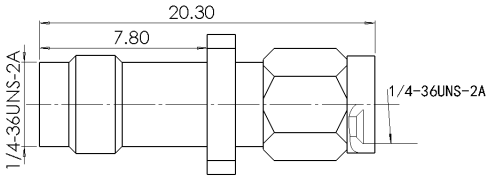


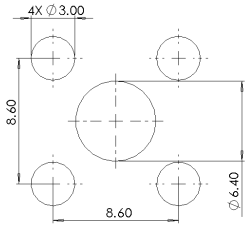


SMA Ultra-Small Blind Mate RF Coaxial Connector

◆ SMA-KFJ

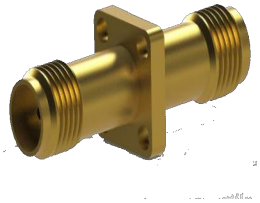


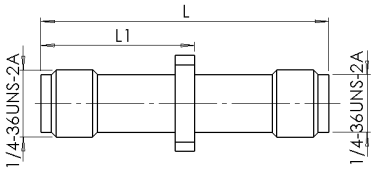


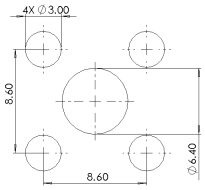


建议安装开孔尺寸

◆ SMA-KFK etc.





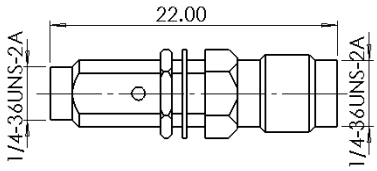


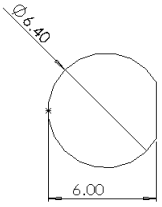
建议安装开孔尺寸

Type	L	L1
SMA-KFK	27	14.35
SMA-KFK-1	19.5	10.6
SMA-KFK-2	16	8.9
SMA-KFK-3	21	14.3

◆ SMA-KYK



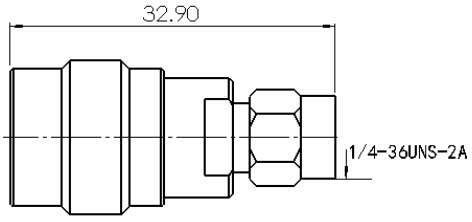




建议安装开孔尺寸
最大穿墙尺寸：5.8mm

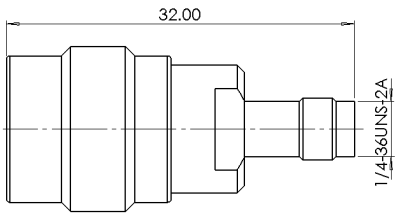
◆ N/SMA-JJ





◆ N/SMA-JK

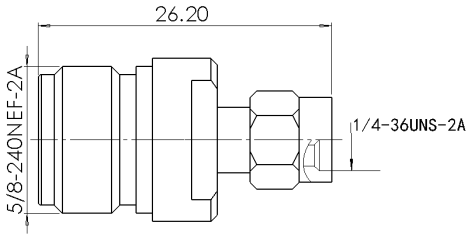




SMA Ultra-Small Blind Mate RF Coaxial Connector

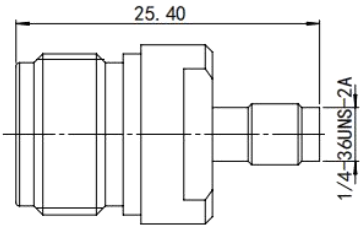
◆ N/SMA-KJ





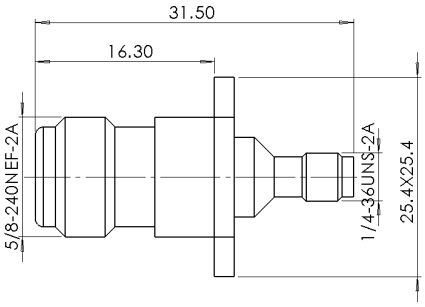
◆ N/SMA-KK





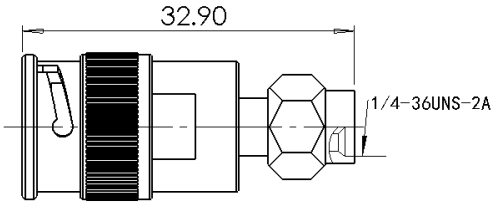
◆ N/SMA-KFK



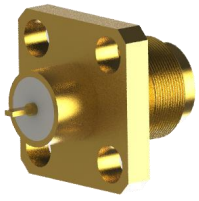


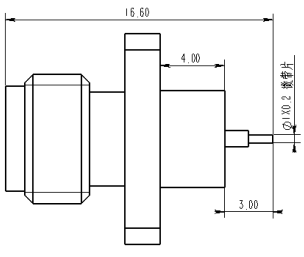
◆ BNC/SMA-JJ

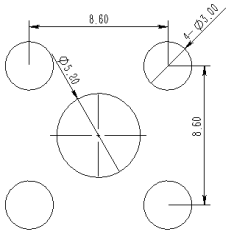




◆ SMA-KFD42 etc.

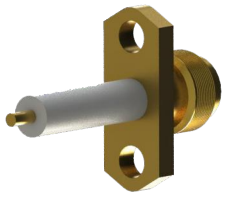


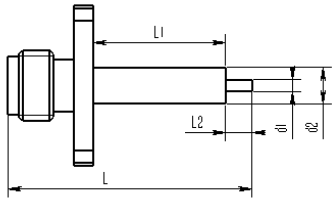


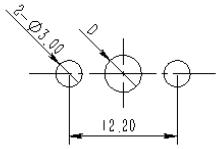


SMA Ultra-Small Blind Mate RF Coaxial Connector

◆ SMA-KFD3 etc.

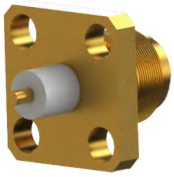


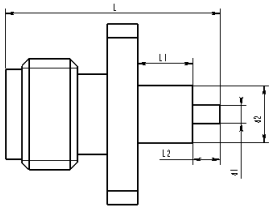


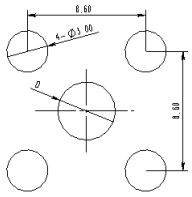


Type	L	L1	L2	d1	d2	D
SMA-KFD3	27.6	15	3	Φ1.3	Φ4.1	Φ4.2
SMA-KFD5B	14.8	3.2	2	Φ1.3	Φ4.1	Φ4.2

◆ SMA-KFD5 etc.

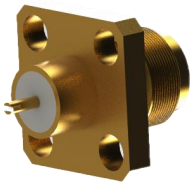


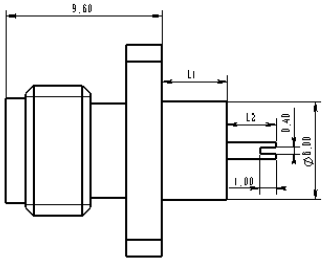


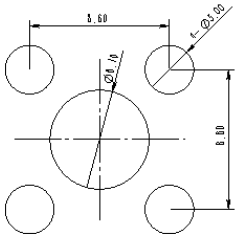


Type	L	L1	L2	d1	d2	D
SMA-KFD5	15.6	4	2	Φ1.3	Φ4.1	Φ4.2
SMA-KFD56	20.6	9	2	Φ1.3	Φ4.1	Φ4.2

◆ SMA-KF30 etc.

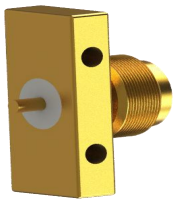


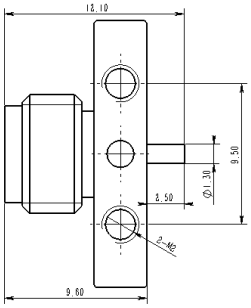




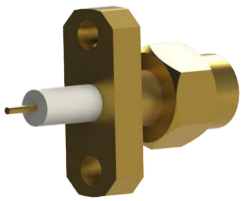
Type	L1	L2
SMA-KFD30	4	3
SMA-KFD34	1	1

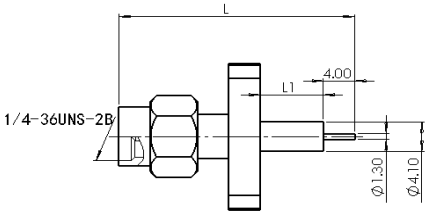
◆ SMA-KFD41 etc.

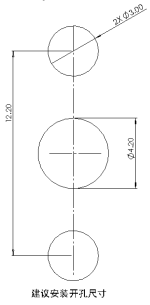




◆ SMA-JFD etc.





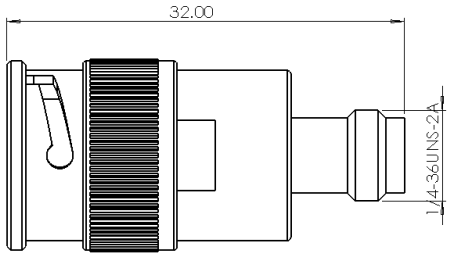


Type	L	L1
SMA-JFD	25.4	8.6
SMA-JFD23	18.9	2

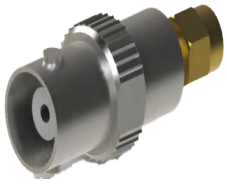
SMA Ultra-Small Blind Mate RF Coaxial Connector

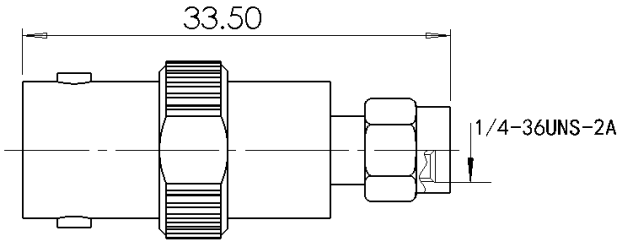
◆ BNC/SMA-JK





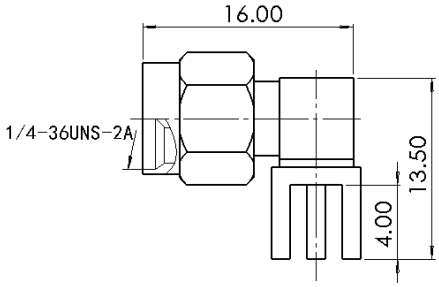
◆ BNC/SMA-KJ



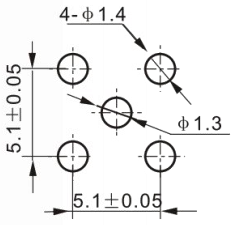


◆ SMA-JWHD



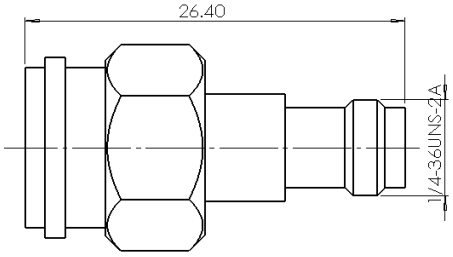


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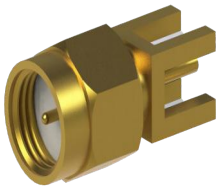


◆ TNC/SMA-JK

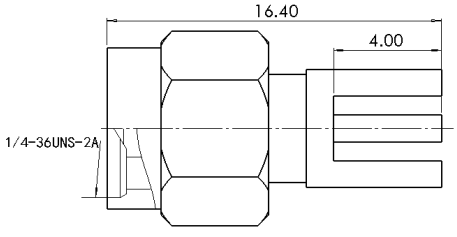


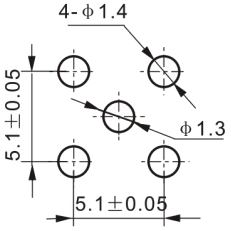


◆ SMA-JHD



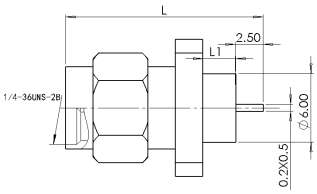
建议安装开孔尺寸

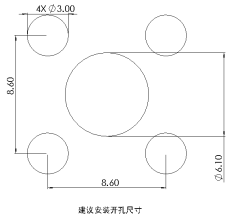


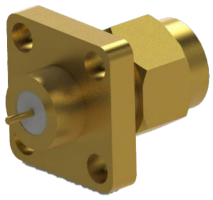


SMA Ultra-Small Blind Mate RF Coaxial Connector

◆ SMA-JFD1 etc.

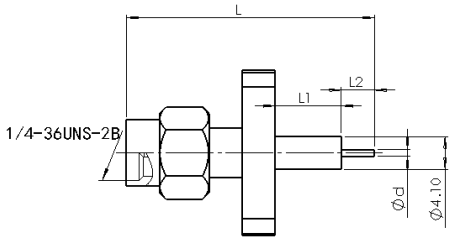


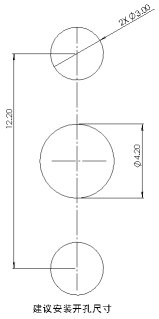


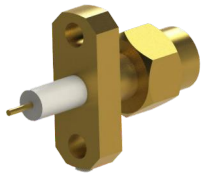


Type	L	L1
SMA-JFD1	17.8	2.4
SMA-JFD2	18.6	3.2
SMA-JFD3	20.2	4.8
SMA-JFD4	19.4	4

◆ SMA-JFD28 etc.







Type	L	L1	L2	d
SMA-JFD28	20.7	5	3	Φ0.8
SMA-JFD53	20.9	6	2	Φ1.3
SMA-JFD60	20.5	5	2.7	Φ1.3