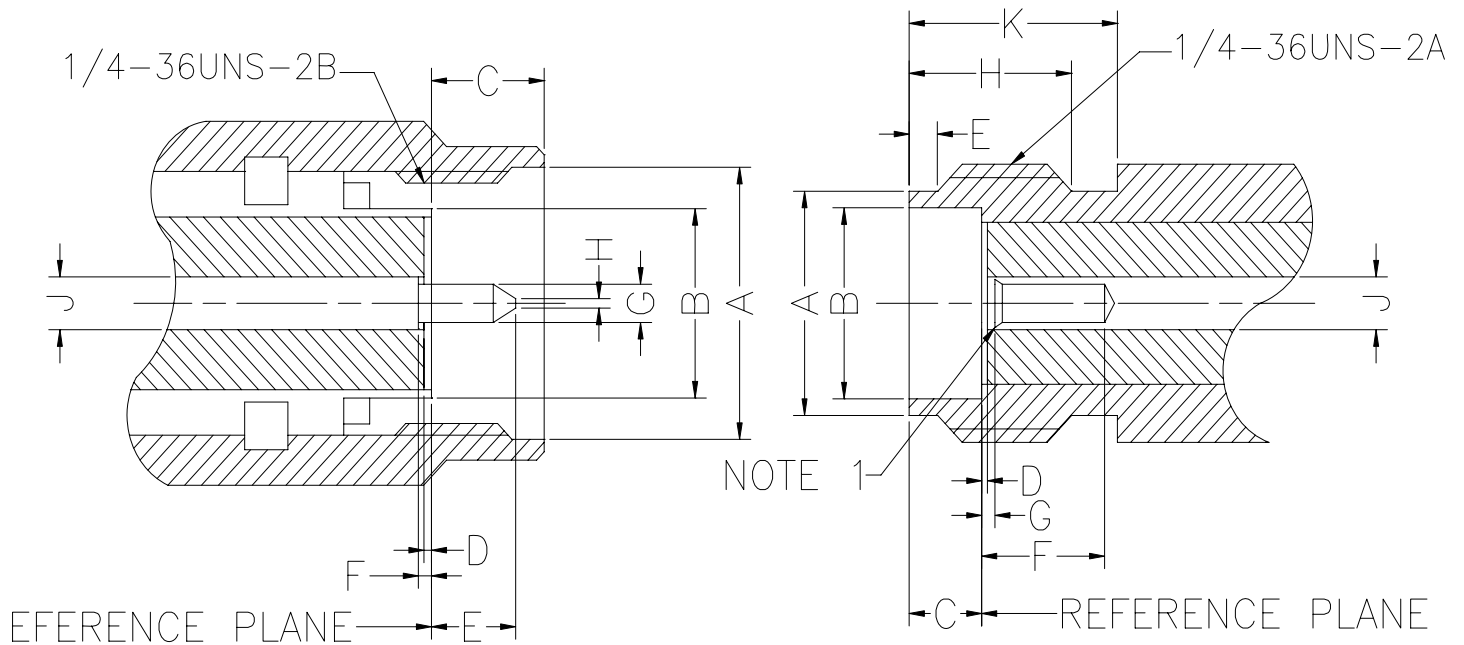


Our SMA series are subminiature and high frequency coaxial connector. We provide constant 50Ω impedance and 18GHz performing. Our SMA constructed with Brass body and ensured excellent durability and mechanical strength.

INTERFACE MATING DIMENSIONS



LETTER	PLUG	
	MILLIMETERS	
	MINIMUM	MAXIMUM
A	6.35	6.73
B	4.53	4.59
C	2.54	3.43
D	0.00	0.25
E	1.91	2.54
F	0.00	0.25
G	0.90	0.94
H	0.00	0.38
J	1.24	1.30

LETTER	JACK	
	MILLIMETERS	
	MINIMUM	MAXIMUM
A	5.28	5.49
B	4.60	4.67
C	1.88	1.98
D	0.00	0.25
E	0.38	1.14
F	2.92	—
G	0.00	0.25
H	4.32	—
J	1.24	1.30
K	5.54	—

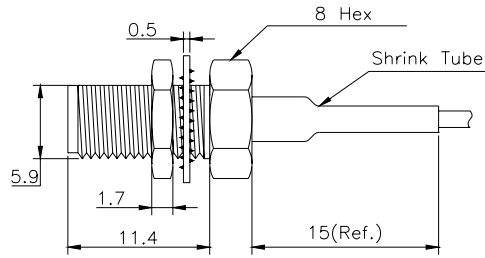
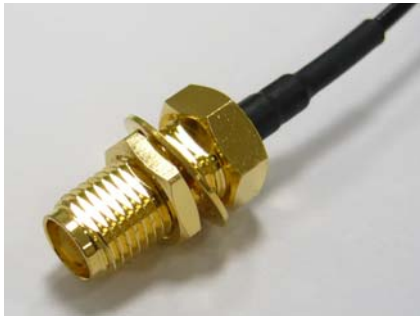
NOTE 1 : I.D. TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH 0.9/0.94 MM DIA.PIN.

Specifications

Electrical		
Impedance		50 ohm
Frequency Range		0 - 12.4 GHz on Flexible 0 – 18 GHz on Simi-rigid cable
Working Voltage		OD0.8mm;1.13mm1.32mm;1.33mm : 125 VRMS max. RG-178 : 170 VRMS max. RG-316 : 250 VRMS max. RG-142 : 335 VRMS max.
Dielectric Withstanding Voltage		OD0.8mm;1.13mm1.32mm;1.33mm : 300 VRMS min. RG-178 : 500 VRMS min. RG-316 : 750 VRMS min. RG-142 : 1000 VRMS min.
VSWR	Straight	1.3 max.
	Right Angle	1.5 max.
Contact Resistance	Center Contact	6 Milliohms Max.
	Outer Contact	2 Milliohms Max.
Insulator Resistance		5000 megohms min.

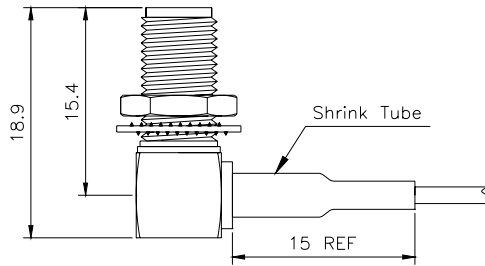
Mechanical & Environmental	
Engagement Force	2 in-lbs. max.
Disengagement Force	2 in-lbs. max.
Coupling Nut Retention	60 lbs. min.
Coupling Proof Torque	15 in-lbs.min
Contact Retention	6 lbs. min.
Durability (Mating)	500 cycles min. (for Beryllium copper jack contact only)
Temperature Range	-65C to 155C
Vibration	MIL-STD-202 Method 204 Test Cond.B.
Salt Spray	MIL-STD-202 Method 101 Test Cond.B.
Thermal Shock	MIL-STD-202 Method 107 Test Cond.B.

Material		
Parts	Material	Finish
Body, Metal Parts	Brass	Nickel or Gold
Center Contacts	Plug : Brass	Gold
	Jack : Beryllium copper	Gold
Insulators	Teflon	None
Gasket	Silicone Rubber	None
Crimp ferrules	Annealed copper	Same as Body



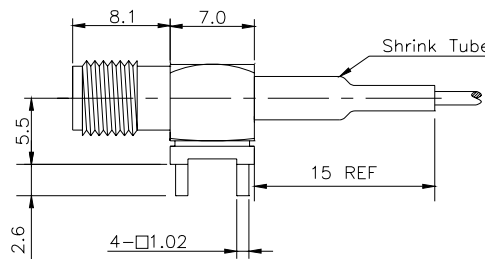
Straight Bulkhead Jack

Cable	P/N
0.81mm(#68)	SMAJB003
1.13mm(#59)	SMAJB103
1.32mm(#53)	SMAJB207
1.37mm(#54)	SMAJB207
RG-178	SMAJB307
RG-316/RG-174	SMAJB407



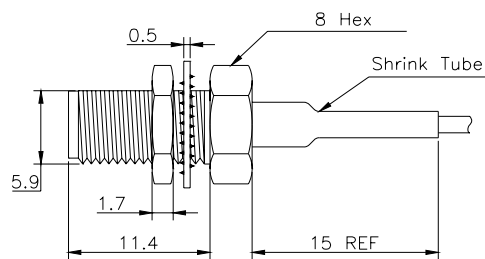
Right Angle Bulkhead Jack

Cable	P/N
0.81mm(#68)	SMAJ002
1.13mm(#59)	SMAJ102
1.32mm(#53)	SMAJ202
1.37mm(#54)	SMAJ202
RG-178	SMAJ302
RG-316/RG-174	SMAJ404



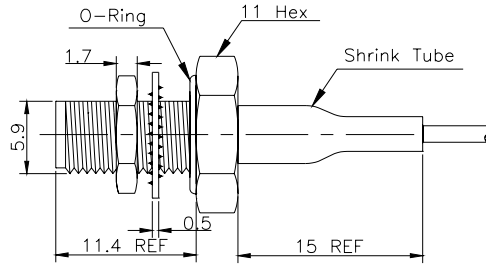
PCB Mount Jack

Cable	P/N
0.81mm(#68)	SMAJX003
1.13mm(#59)	SMAJX105
1.32mm(#53)	SMAJX203
1.37mm(#54)	SMAJX203
RG-178	SMAJX303
RG-316/RG-174	SMAJX401



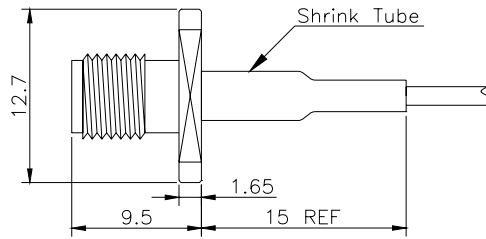
Reverse Polarity Bulkhead Jack

Cable	P/N
0.81mm(#68)	SMAJB081
1.13mm(#59)	SMAJB181
1.32mm(#53)	SMAJB281
1.37mm(#54)	SMAJB281
RG-178	SMAJB381
RG-316/RG-174	SMAJB481



Cable	P/N
0.81mm(#68)	SMAJB005
1.13mm(#59)	SMAJB105
1.32mm(#53)	SMAJB209
1.37mm(#54)	
RG-178	SMAJB309
RG-316/RG-174	SMAJB409

Bulkead Jack with O-Ring seal



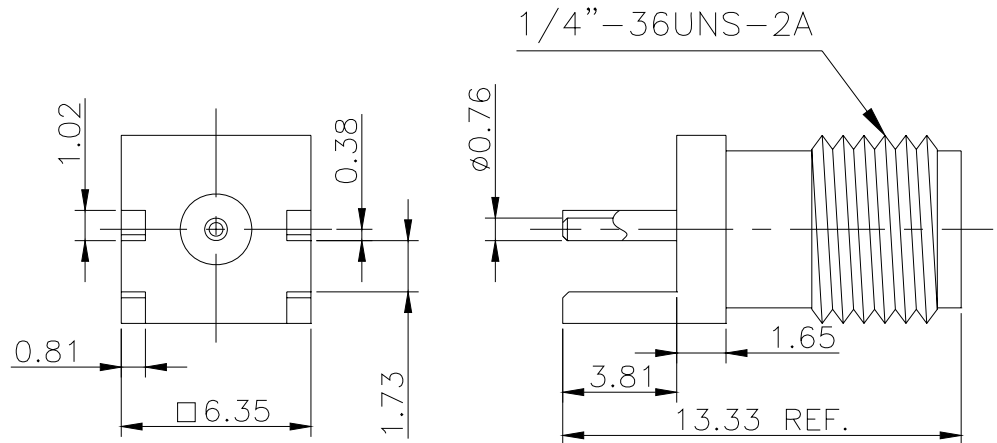
Cable	P/N
0.81mm(#68)	SMAJB011
1.13mm(#59)	SMAJB111
1.32mm(#53)	SMAJB211
1.37mm(#54)	
RG-178	SMAJB311
RG-316/RG-174	SMAJB411

Panel Mount Jack with 4 Holes



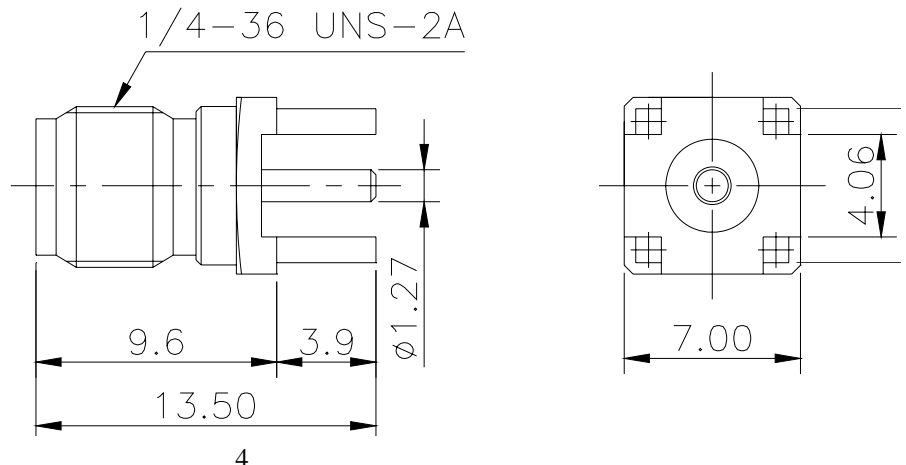
Edge Mount Jack

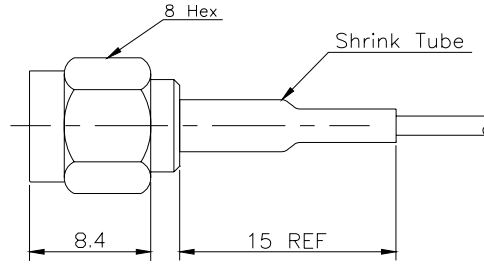
P/N: SMAJM101



PCB Mount Jack

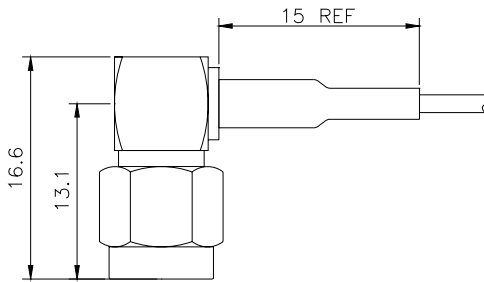
P/N: SMAJM103





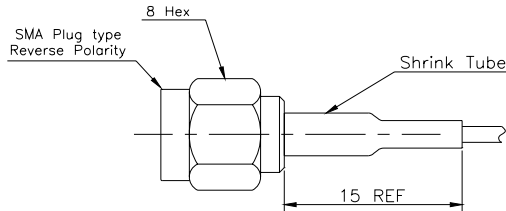
Cable	P/N
0.81mm(#68)	SMAP003
1.13mm(#59)	SMAP103
1.32mm(#53)	SMAP205
1.37mm(#54)	
RG-178	SMAP305
RG-316/RG-174	SMAP401

Straight Plug



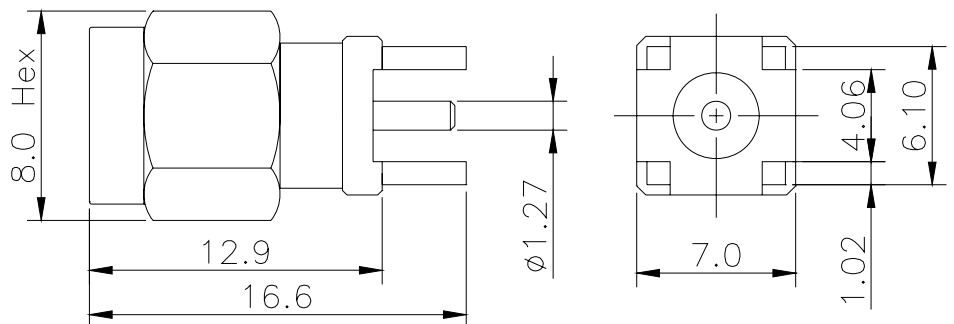
Cable	P/N
0.81mm(#68)	SMAP002
1.13mm(#59)	SMAP102
1.32mm(#53)	SMAP202
1.37mm(#54)	
RG-178	SMAP302
RG-316/RG-174	SMAP402

Right Angle Plug



Cable	P/N
0.81mm(#68)	SMAP081
1.13mm(#59)	SMAP181
1.32mm(#53)	SMAP281
1.37mm(#54)	
RG-178	SMAP381
RG-316/RG-174	SMAP481

Reverse Polarity Plug



Straight PCB Mount Plug

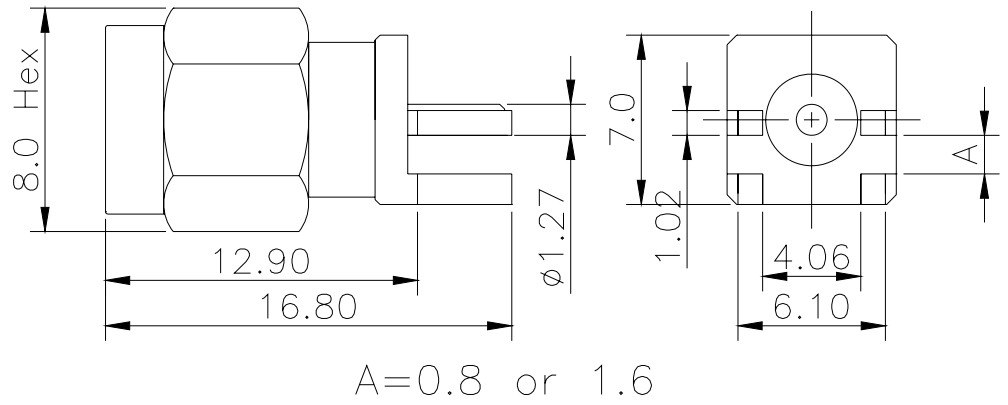
P/N: SMAPM001



Straight Plug

P/N: SMAPM101-0.8

P/N: SMAPM101-1.6



SMA Protection Cap(Nickle Plating)

P/N: SMA-PC