

SMA SERIES



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SMA CONNECTORS

SMA connectors are subminiature units with a threaded coupling mechanism designed to provide high electrical performance for microwave applications up to 18GHZ. Constructed with brass or high quality stainless steel, SMA connectors ensure excellent durability and mechanical strength. Available in standard, phase adjustable and reverse polarity.

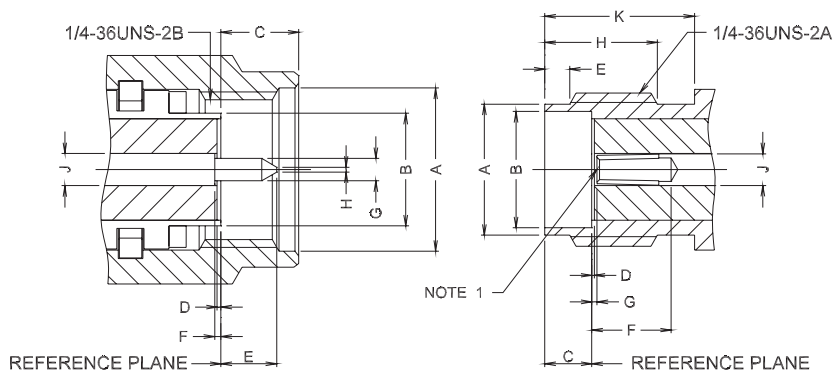
Specifications

Electrical

Impedance		50 HM
Frequency Range		0-12.4 GHZ on Flexible Cable
Working Voltage		RG-316;085":250 VRMS max.
		RG-178:170 VRMS max.
		RG-142;141":335 VRMS max.
Dielectric Withstanding Voltag		RG-178:500 VRMS min
		RG-316;058":750 VRMS min
		RG-142;141":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

Material

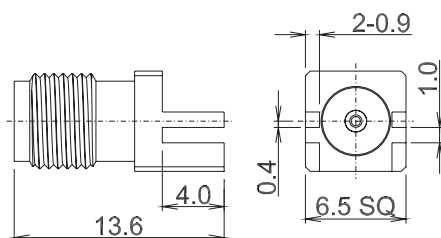
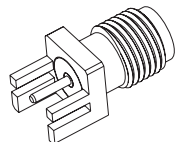
Parts Name	MATERIAL	Finish
Body, metal Parts	Brass or Non-magnetic	Nickel,Gold or passivated
	stainless steel	per requirement
Center Contacts	Plug:Brass	Gold or Silver
	Jack:Beryllium copper or Brass	Gold or Silver
Insulators	Teflon	None
Crimp ferrules	Annealed copper	Nickel or Gold Per requirement
Clamp Gaskets	Silicone rubber	None



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

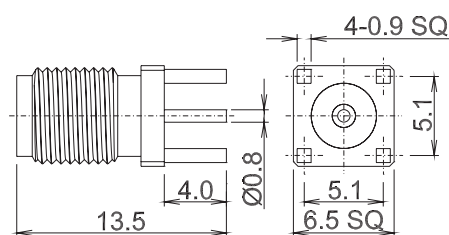
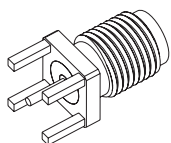
Letter	PLUG Millimeters	
	Minimum	Maximum
A	6.35	6.73
B	4.53	4.59
C	2.54	3.43
D	0.00	0.25
E	1.91	0.25
F	0.90	0.94
G	0.00	0.38
J	1.24	1.30

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	-



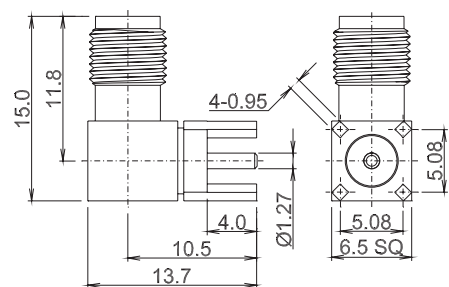
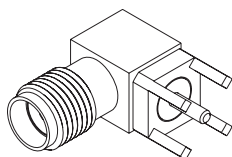
ESA-0801

SMA JACK EDGE PC MOUNT



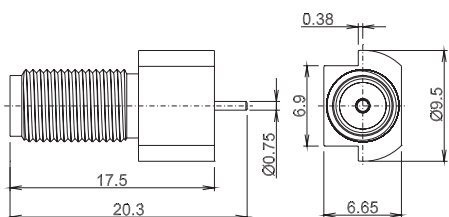
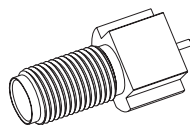
ESA-0802

SMA JACK STRAIGHT PC MOUNT



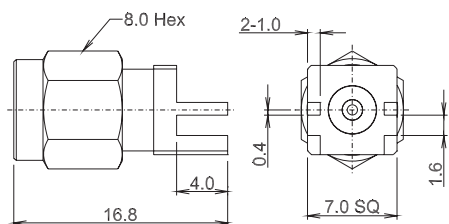
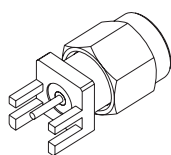
ESA-0803

SMA JACK R/A PC MOUNT



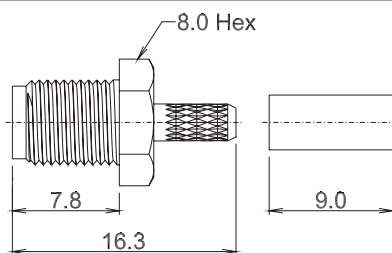
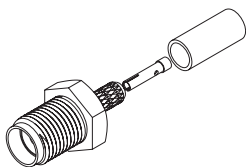
ESA-0804

SMA JACK END LAUNCH



ESA-0901

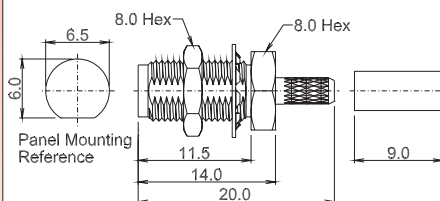
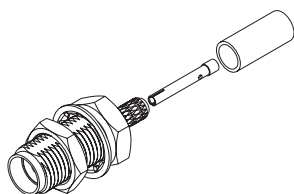
SMA MALE EDGE PC MOUNT



ESA-3801

SMA JACK CRIMP FOR CABLE

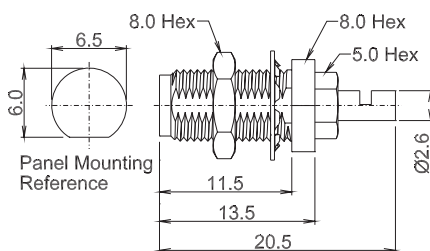
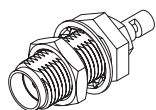
- RG 174A/U
- RG 179B/U
- RG 316/U



ESA-3802

SMA JACK CRIMP WITH CHAMFER FOR CABLE

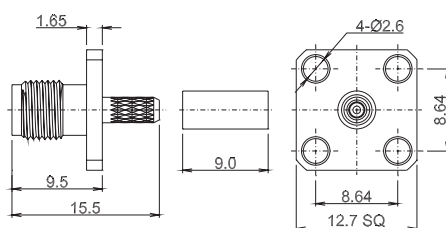
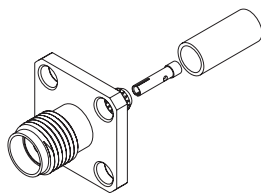
- RG 174A/U
- RG 179B/U
- RG 316/U



ESA-3803

SMA JACK SOLDER FOR CABLE

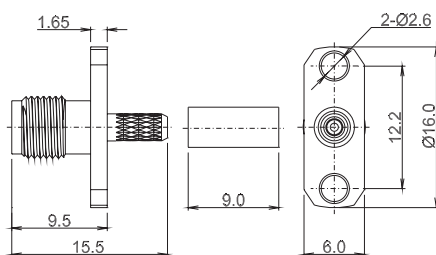
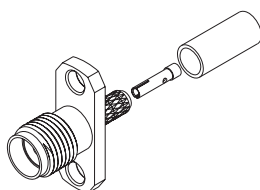
- 1.13



ESA-3804

SMA JACK CRIMP SQUARE FLANGE 4 HOLES FOR CABLE

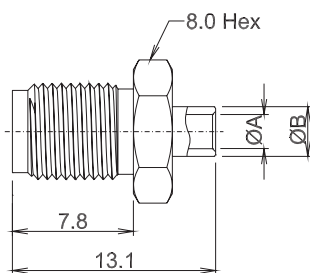
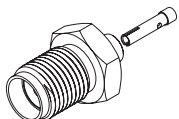
- RG 174A/U
- RG 179B/U
- RG 316/U



ESA-3805

SMA JACK CRIMP RECTANGLE FLANGE 2 HOLES FOR CABLE

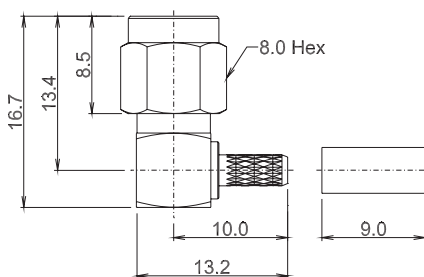
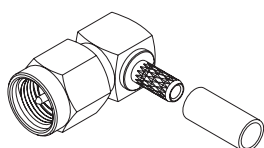
- RG 174A/U
- RG 188/U
- RG 316/U



ESA-3806

SMA JACK SOLDER FOR CABLE

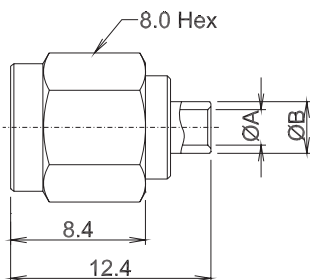
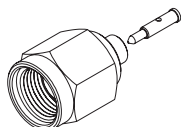
- SEMI RIGID
- OD 2.5MM
- OD 3.6MM



ESA-3901

SMA MALE R/A SOLDER & CRIMP FOR CABLE

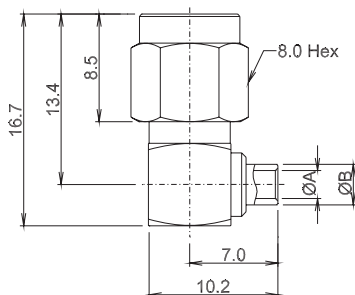
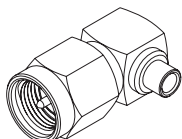
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- RG 188/U
- RG 316/U



ESA-3902

SMA MALE SOLDER FOR CABLE

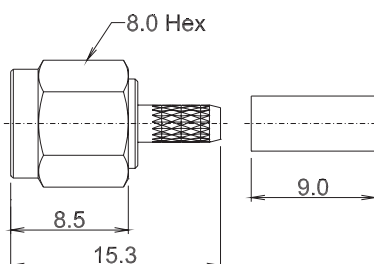
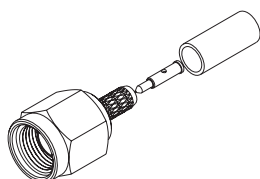
- SEMI-RIGID
- OD 2.5MM
- OD 3.6MM



ESA-3903

SMA MALE SOLDER FOR CABLE

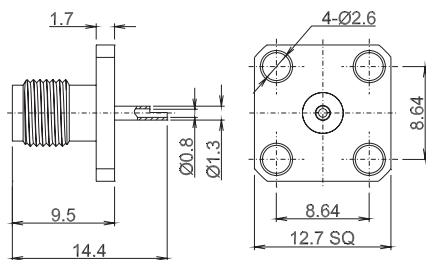
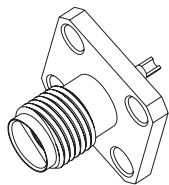
- SEMI-RIGID
- OD 2.5MM
- OD 3.6MM



ESA-3904

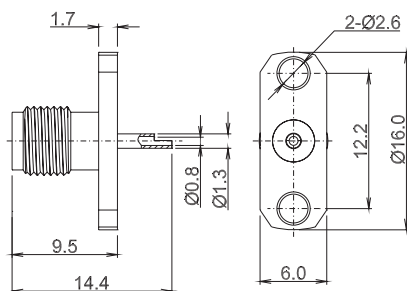
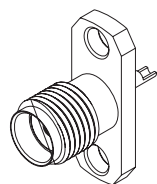
SMA MALE CRIMP FOR CABLE

- RG 174A/U
- RG 179B/U
- RG 316/U



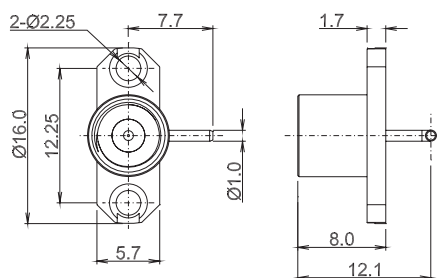
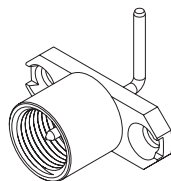
ESA-5801

SMA JACK SOLDER WITH
SQUARE FLANGE 4HOLES



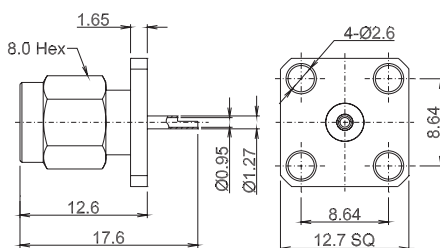
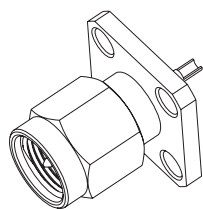
ESA-5802

SMA JACK SOLDER WITH
RECTANGLE FLANGE 2 HOLES



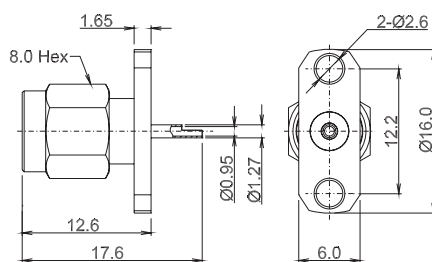
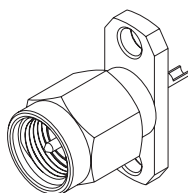
ESA-5901

SMA MALE SOLDER WITH
RECTANGLE FLANGE 2 HOLES



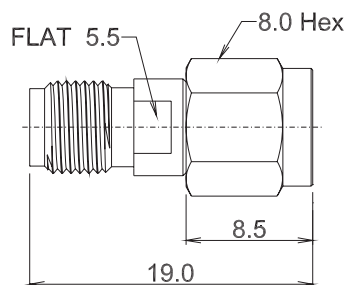
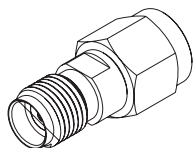
ESA-5902

SMA MALE SOLDER WITH
SQUARE FLANGE 4HOLES



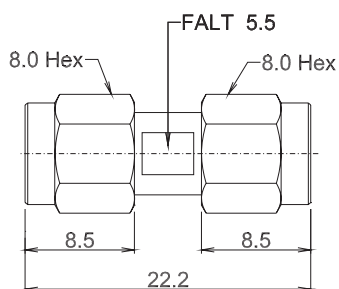
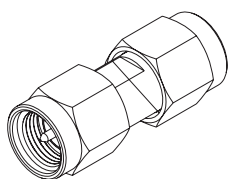
ESA-5903

SMA MALE SOLDER WITH
RECTANGLE FLANGE 2 HOLES



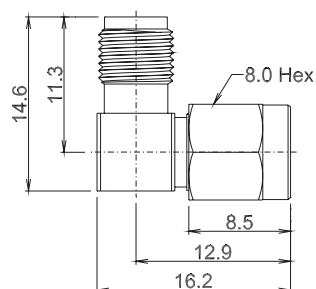
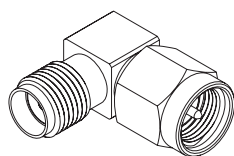
ESA-6001

SMA MALE TO FEMALE



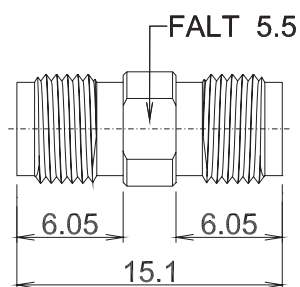
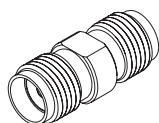
ESA-6002

SMA MALE TO MALE



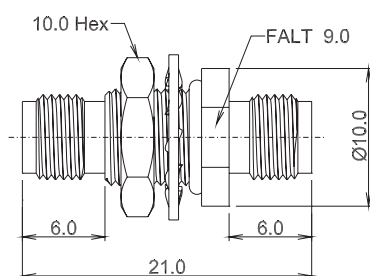
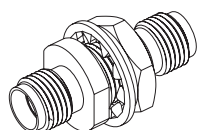
ESA-6003

SMA MALE TO FEMALE RIGHT
ANGLE



ESA-6004

SMA FEMALE TO FEMALE



ESA-6005

SMA FEMALE TO FEMALE WITH
HEXAGON FLANGE