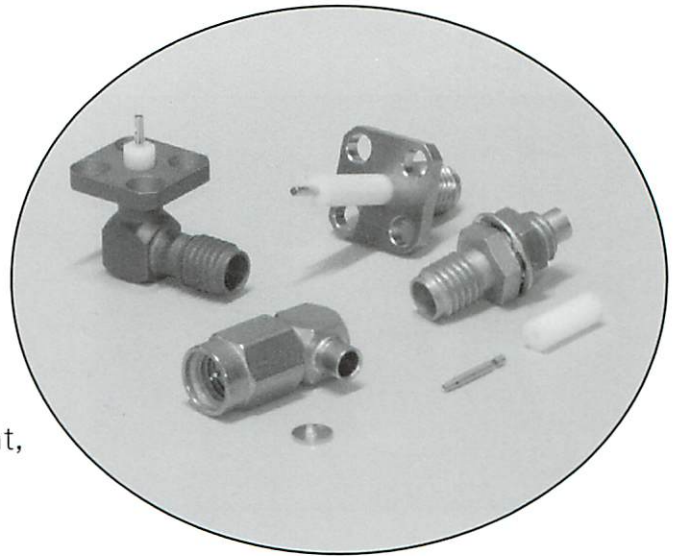
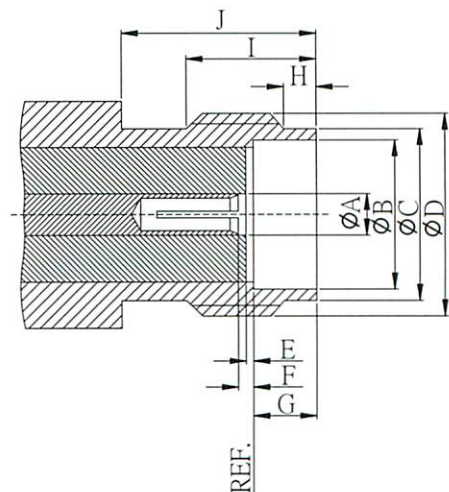
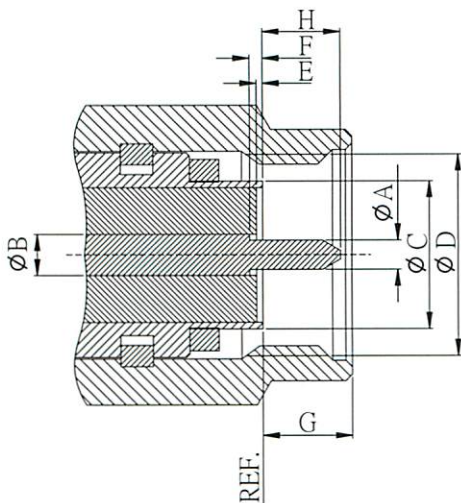


SSMA connectors are microminiature that provide continual electrical performance from DC up to 4GHz. They are a smaller version of the standard SMB connector, providing a means of quick-connect and disconnect through a snap-on type coupling. The SSMA design has straight and right angle cable entry versions, and printed circuit board styles that are available for crimp, clamp and receptacle termination types. Moreover, the typical applications for SSMA connectors are radio systems, video equipment, telecommunications and GSM.



SSMA

Interface dimensions:



MALE(PLUG) mm		
	Min.	Max.
A	0.50	0.53
B	0.85	0.88
C	3.15	3.22
D	#10-36 UNS-2B	
E	0.00	0.25
F	0.00	0.25
G	2.54	3.38
H	1.27	1.65

FEMALE(JACK) mm		
	Min.	Max.
A	0.85	0.88
B	3.23	3.30
C	3.89	4.06
D	#10-36 UNS-2A	
E	0.00	0.25
F	0.00	0.25
G	1.90	1.96
H	0.51	1.02
I	4.32	-
J	5.84	-

Electrical:

Impedance		50 ohm
Frequency Range		0~18 GHz
Working Voltage		250 VRMS max
Dielectric Withstanding Voltage		750 VRMS min
VSWR	Straight	1.3 max
	Right Angle	1.5 max
Contact Resistance	Center Contact	6.0 Milliohms Max.
	Outer Contact	2.5 Milliohms Max.
Insulator Resistance		1000 Megohms min.

Material:

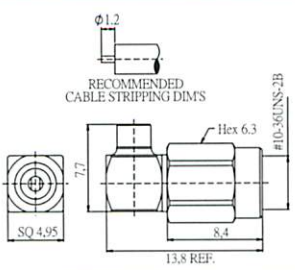

Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626	Nickel or Gold per requirement
Center Contacts	Male:Brass per QQ-B-626	Gold
	Female:Beryllium copper per QQ-C-530	Gold
Insulators	PTFE	None
Crimp Ferrules	Annealed copper	Nickel or Gold per requirement

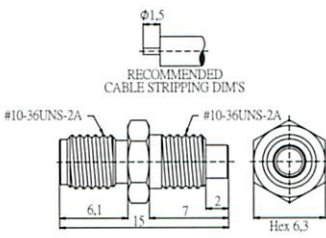

NOTE:Other Material/Finish is Available on Request.

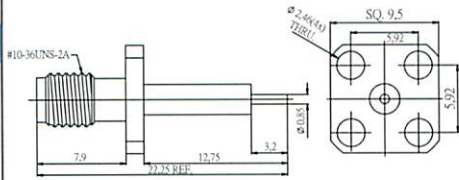

Mechanical & Environmental:

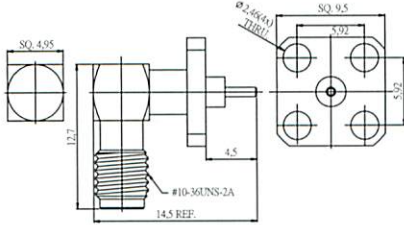

Engagement Force	3.4 lbs. max.
Disengagement Force	4.5 lbs. max.
Contact Retention	2.3 lbs. min.
Durability(Mating)	500 cycles min.(for Beryllium copper female contact only)
Temperature Range	-65°C to 155°C
Vibration	3 cycles, 3 opposite directions, 10-150Hz, 10-60Hz: 0.75mm/.030 in., 60-150Hz 10G's
Temperature Shock	MIL-STD-202 Method 107
Humidity	MIL-STD-202 Method 103, Condition B.
Mechanical Shock	MIL-STD-202 Method 213, Condition B.

SSMA Series

SA-2101 SSMA Male Right Angle for Semi-Rigid Cable				
P/N	CABLE GROUP	IMPEDANCE		
2101	N/A	50		

SA-2102 SSMB Female Bulkhead				
P/N	CABLE GROUP	IMPEDANCE		
2102	N/A	50		

SA-2103 SSMA Female Flang Receptacles				
P/N	CABLE GROUP	IMPEDANCE		
2103	N/A	50		

SA-2104 SSMA Female Right Angle Flange Receptacle				
P/N	CABLE GROUP	IMPEDANCE		
2104	N/A	50		

P/N	CABLE GROUP	IMPEDANCE

P/N	CABLE GROUP	IMPEDANCE

SSMA