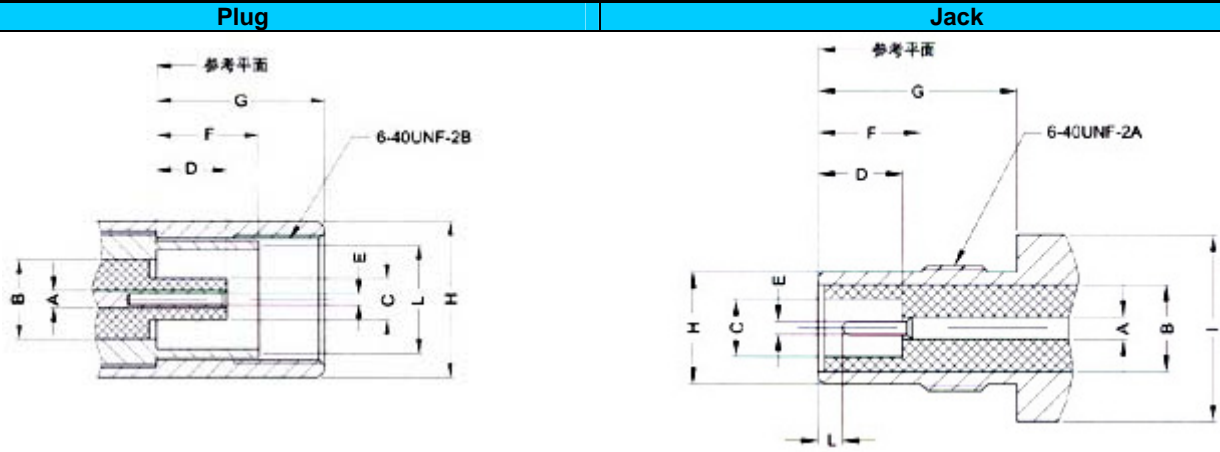




## SSMC Type RF Coaxial Connector Series

The SSMC series products are a kind of a little small-scaly whorl joining, the characteristics such as being reliable that is small, light, joins, Join the coaxial cable of the radio frequency suitably in the instrument and equipment of miniaturization.

### Interface Mating Dimensions



Plug		
Code	Millimeters	
	Min	Max
A	0.625	0.675
B	2.11nom	
C	-	1.35
D	-	2.29
E	-	-
F	-	2.84
G	-	5.70
H	4.50	
L	2.59	-

Jack		
Code	Millimeters	
	Min	Max
A	0.625	0.675
B	2.11nom	
C	1.372	1.422
D	2.261	2.311
E	0.356	0.381
F	2.92	3.08
G	5.71	-
H	2.49	2.54
I	4.50	
L	-	0.84

### Technical Specifications

<b>Temp. Range</b>	-55 ~ +155	<b>Insulation Resistance</b>	1000 m
<b>Impedance</b>	50	<b>VSWR</b>	<i>Straight: DC ~ 1GHZ 1.15; 1 ~ 3GHZ 1.25</i>
<b>Frequency Range</b>	DC ~ 6GHZ		<i>Right angle: DC ~ 1GHZ 1.20; 1 ~ 3GHZ 1.35</i>
<b>Working Voltage</b>	250V Max	<b>Durability (mating)</b>	≥ 500 (cycles)
<b>Contact Resistance</b>	<i>Center Contact 5 m</i>	<b>Withstand Voltage</b>	500V rms
	<i>Outer Contact 2.5 m</i>	<b>Vibration</b>	98m/s2 (10~500Hz)

### Material & Plating

<b>Shell</b>	Brass	Gold plated
<b>Contact pin</b>	Tin Brass	Gold plated
<b>Socket</b>	Beryllium	Gold plated
<b>Insulator</b>	PTFE	
<b>Crimping suite</b>	Copper Alloy	Gold plated
<b>O-ring Sealing</b>	6146 Silastic	

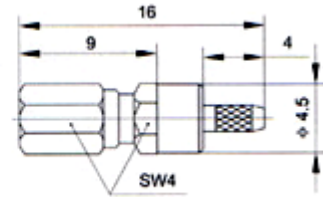
### Applicable Standard

MIL-C-39012  
CECC 22180  
IEC 60169-20

**RF Coaxial Connector for Flexible Cable**

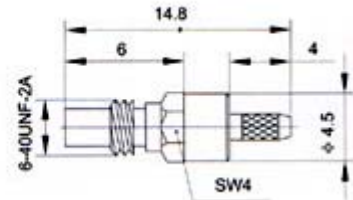
Item Number: SSMC-C-TK1

Cable Type SFF-50-1  
RG-178B/U  
RG-196A/U



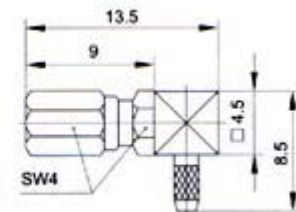
Item Number: SSMC-C-ZJ1

Cable Type SFF-50-1  
RG-178B/U  
RG-196A/U



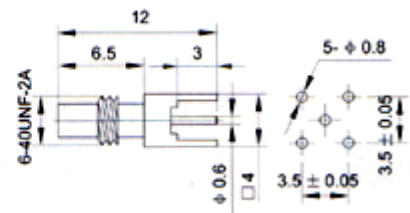
Item Number: SSMC-C-TKW1

Cable Type SFF-50-1  
RG-178B/U  
RG-196A/U



**RF Coaxial PCB Connectors**

Item Number: SSMC-ZJE



Item Number: SSMC-ZJWE

