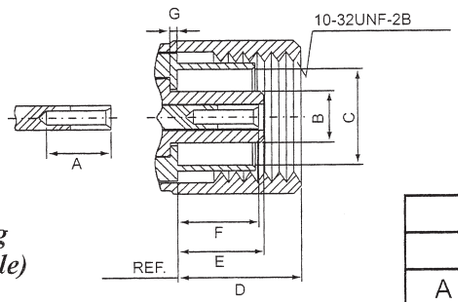
50 Ohm 0-4GHz/75 Ohm

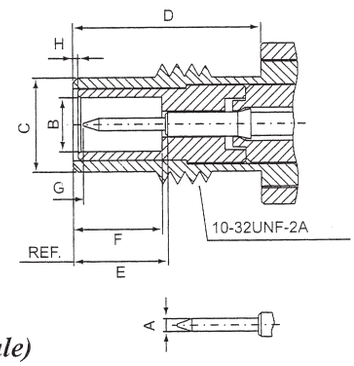
SMC connectors are the same to the SMB in general size and performance, the main feature threaded couplings rather than snap-on types.
It's small size, reliable performance and economy make the SMC an excellent consideration where packaging density is a must.
The threaded coupling ensures peak performance in applications where vibration or shock maybe a designed consideration.

Interface Dimensions:

Plug (male)



Jack (female)



	Plug		Jack	
	min.	max.	min.	max.
A	2.79/.10	-	0.48/.019	0.53/.021
B	-	2.60/.081	2.08/.082	-
C	3.73/.147	-	-	3.71/.146
D	-	5.92/.233	5.94/.234	-
E	-	3.40/.134	3.40/.134	-
F	2.85/.112	3.40/.134	3.40/.134	-
G	0.00/.000	-	0.61/.024	-
H	-	-	0.00/.000	-

Electrical:

Impedance	50 ohm / 75 ohm	
Frequency Range	0 to 10.0 GHz	
VSWR	RG-178U→	1.25+0.04 f max GHz(Straight) 1.4+0.06 f max GHz(Right angle)
	RG-316U→	1.2+0.04 f max GHz(Straight) 1.3+0.04 f max GHz(Right angle)
Insertion Loss	0.25dB max @ 4GHz(Straight)	
	0.6dB max @ 4GHz(Right angle)	

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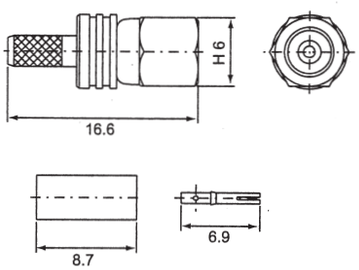
SMC MALE CONNECTORS

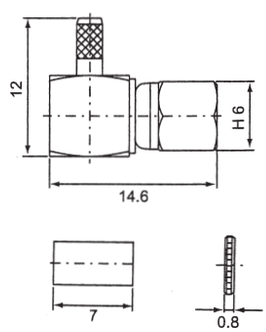
SC201CU-*GGT**

SMC PLUG CRIMP TYPE
RG174U,RG316U:
SC201CU-LGGT50
RG178U,RG196U:
SC201CU-MGGT50
RG179U,RG187U:
SC201CU-NGGT75



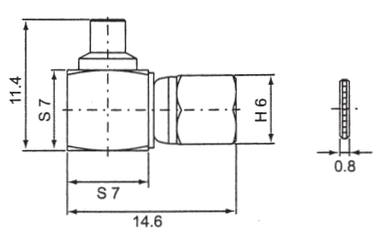
SC203CU-*GGT**

SMC PLUG CRIMP
RIGHT ANGLE TYPE
RG174U,RG316U:
SC203CU-LGGT50
RG178U,RG196U:
SC203CU-MGGT50
RG179U,RG187U:
SC203CU-NGGT75



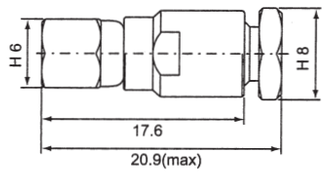
SC203CU-U8GGT50

SMC PLUG R/A CRIMP
FOR RG405/U CABLE



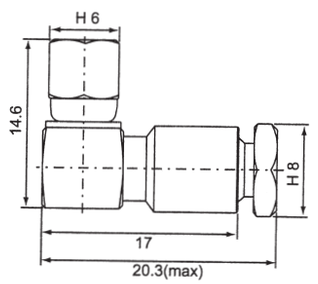
SC206CU-*GGT**

SMC PLUG STRAIGHT
SCREW-ON TYPE
RG174U,RG316U:
SC206CU-LGGT50
RG178U,RG196U:
SC206CU-MGGT50
RG179U,RG187U:
SC206CU-NGGT75



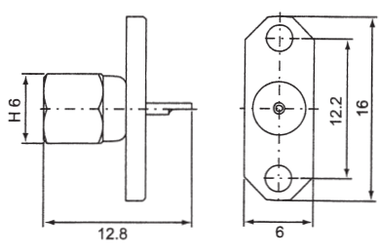
SC207CU-*GGT**

SMC PLUG R/A
SCREW-ON TYPE
RG174U,RG316U:
SC207CU-LGGT50
RG178U,RG196U:
SC207CU-MGGT50
RG179U,RG187U:
SC207CU-NGGT75



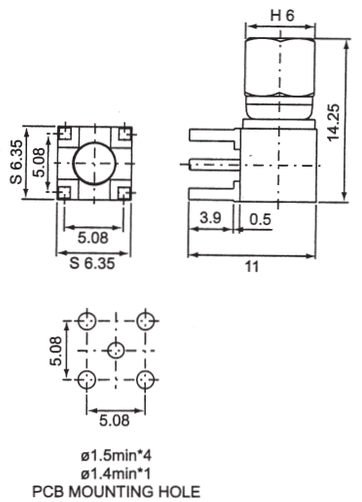
SC210CU-XGGT**

SMC PLUG SOLDER
PANEL MOUNT TYPE
WITH NARROW FLANGE



SC213CU-XGGT**

SMC PLUG R/A
PCB MOUNT TYPE



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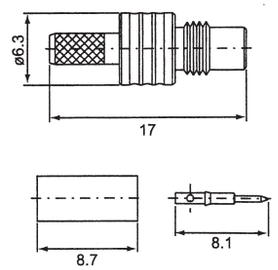
SMC FEMALE CONNECTORS (1)

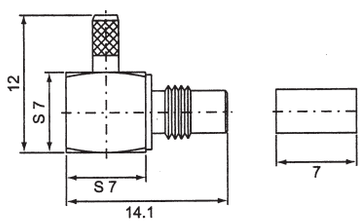
SC202CU-*GGT**

SMC JACK CRIMP TYPE
RG174U,RG316U:
SC202CU-LGGT50
RG178U,RG196U:
SC202CU-MGGT50
RG179U,RG187U:
SC202CU-NGGT75



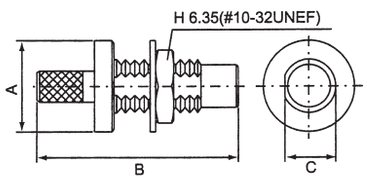
SC204CU-*GGT**

SMC JACK CRIMP
RIGHT ANGLE TYPE
RG174U,RG316U:
SC204CU-LGGT50
RG178U,RG196U:
SC204CU-MGGT50
RG179U,RG187U:
SC204CU-NGGT75



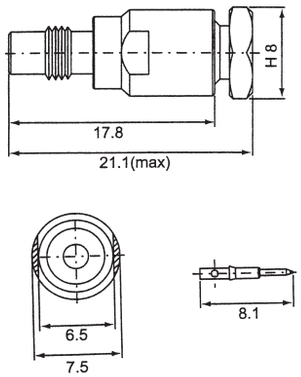
SC205CU-*GGT**

SMC JACK CRIMP
BULKHEAD TYPE
RG174U,RG316U:
SC205CU-LGGT50
RG178U,RG196U:
SC205CU-MGGT50
RG179U,RG187U:
SC205CU-NGGT75



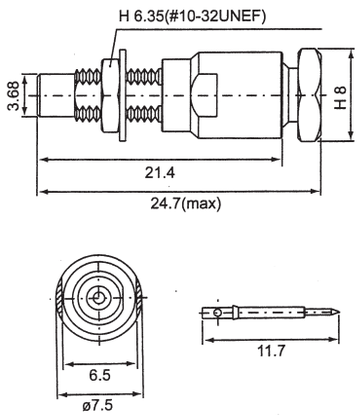
SC208CU-LGGT50

SMC JACK SCREW-ON
FOR RG174/U CABLE



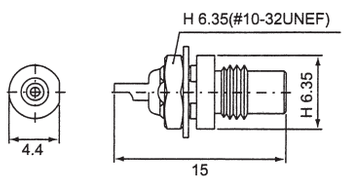
SC209CU-LGGT50

SMC JACK BULKHEAD
CLAMP TYPE
FOR RG174/U,RG316/U CABLE



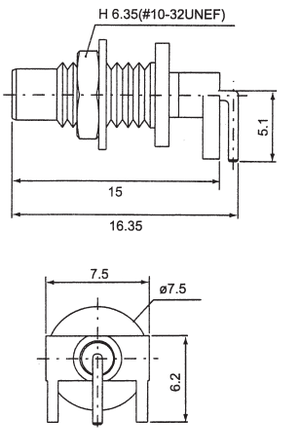
SC211CU-XGGT**

SMC JACK SOLDER
BULKHEAD TYPE



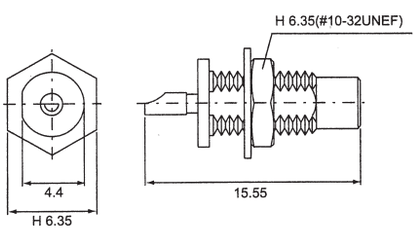
SC222CU-XGGT**

SMC JACK SOLDER
R/A BULKHEAD TYPE



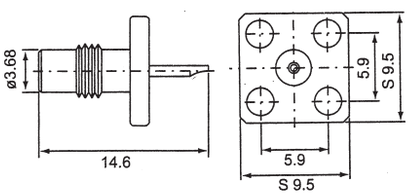
SC223CU-XGGT**

SMC JACK SOLDER
BULKHEAD TYPE



SC212CU-XGGT**

SMC JACK SOLDER
PANEL MOUNT TYPE



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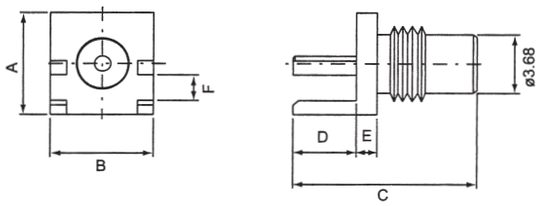
SMC FEMALE CONNECTORS (2)

SC215CU-XGGT**
SC216CU-XGGT**
SC217CU-XGGT**

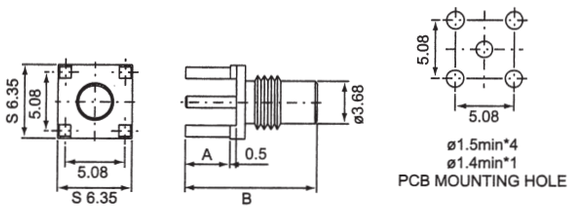
SMC JACK STRAIGHT
PCB MOUNT TYPE



PART NO.	A	B	C	D	E	F
SC215CU	6.35	6.35	11.4	3.9	1.3	7.1
SC216CU	7.9	9.5	14.25	4.75	1.65	1.73
SC217CU	7.9	9.5	14.25	4.75	1.65	1.22

SC214CU-XGGT**

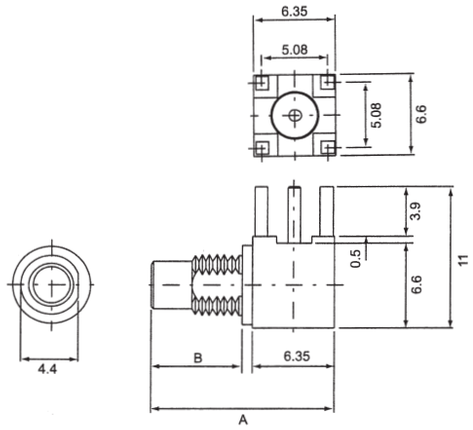
SMC PLUG STRAIGHT
PCB MOUNT TYPE



PART NO.	A	B
SC214CU	3.9	11.4

SC220CU-XGGT**
SC221CU-XGGT**

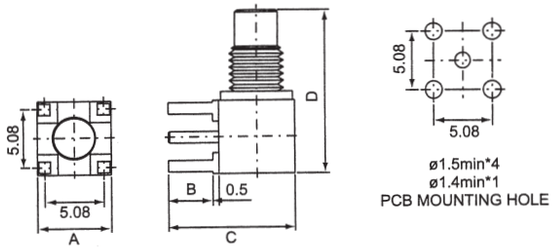
SMC JACK R/A
PCB MOUNT TYPE



PART NO.	A	B
SC220CU	14.25	7.1
SC221CU	17.35	10.2

SC218CU-XGGT**
SC219CU-XGGT**

SMC JACK R/A
PCB MOUNT TYPE



PART NO.	A	B	C	D
SC218CU	6.35	3.9	11.4	14.25
SC219CU	6.3	2.25	11	14.2

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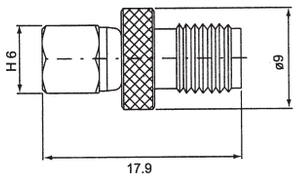
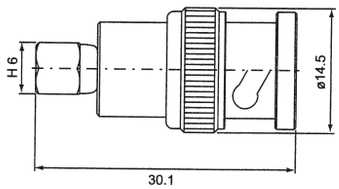
SMC ADAPTERS

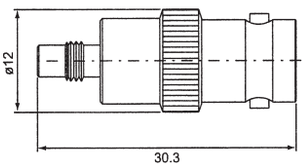
SC227CU-XGGT**
SMC MALE TO
SMA FEMALE



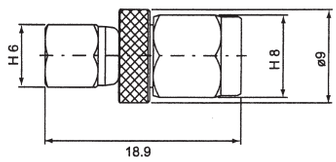
SC224CU-XGGT**
SMC MALE TO BNC MALE



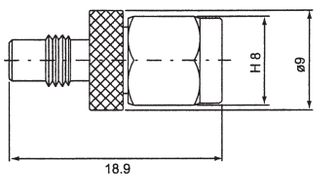
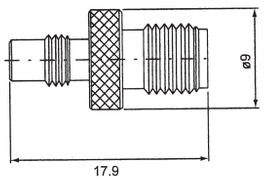
SC225CU-XGGT**
SMC FEMALE TO
BNC FEMALE



SC226CU-XGGT**
SMC MALE TO SMA MALE



SC228CU-XGGT**
SMC FEMALE TO
SMA MALE



SC229CU-XGGT**
SMC FEMALE TO
SMA FEMALE