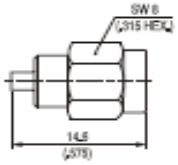
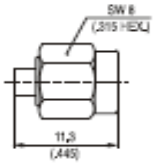
SMA

Cable Connectors for Semi-Rigid Cables



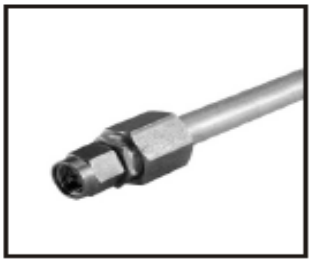
STRAIGHT PLUG

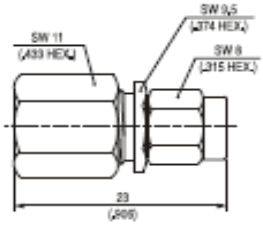
Part Number	Cable
C 330-001	.047"(M17/151)



STRAIGHT PLUG

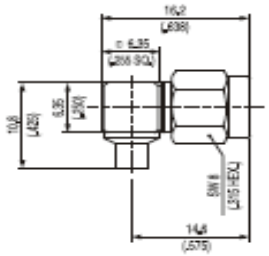
Part Number	Cable
C 330-002	.085"(RG-405, M17/133)
C 330-003	.041"(RG-402, M17/130)





STRAIGHT PLUG

Part Number	Cable
C 330-004	.250" Semi-Rigid



RIGHT ANGLE PLUG

Part Number	Cable
C 330-005	.047" (M17/151)
C 330-006	.085" (RG-405,M17/133)
C 330-007	.141" (RG-402,M17/130)

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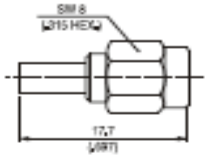
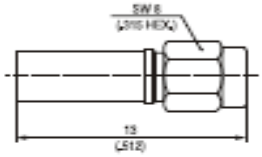
Cable Connectors for Flexible Cables



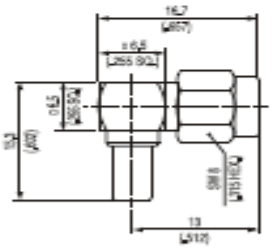
STRAIGHT PLUG

Part Number	Cable
C 330-024	RG-178, 196
C 330-025	RG-174, 188, 316
C 330-026	RG-316D/S



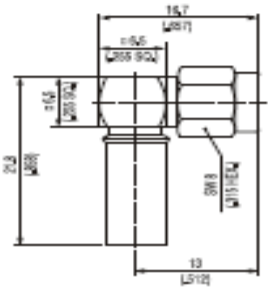
STRAIGHT PLUG

Part Number	Cable
C 330-027	RG-400, 142, 223, 58
C 330-028	LMR200, HPF200



RIGHT ANGLE PLUG

Part Number	Cable
C 330-029	RG-178, 196
C 330-030	RG-174, 188, 316
C 330-031	RG-316D/S



RIGHT ANGLE PLUG

Part Number	Cable
C 330-032	RG-400, 142, 223, 58
C 330-033	LMR200, HPF200

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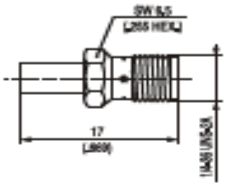
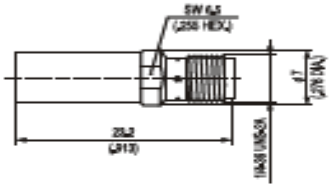


STRAIGHT JACK

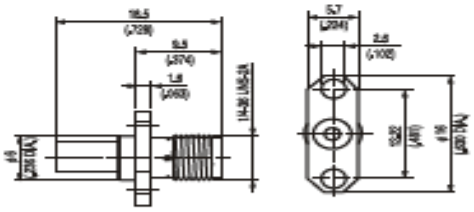
Part Number	Cable
C 330-034	RG-174. 188. 316
C 330-035	RG-316D/S



STRAIGHT JACK

Part Number	Cable
C 330-036	RG-400. 142. 223. 58
C 330-037	LMR200. HPF200

Fig 1



PANEL JACK

Part Number	Cable	Fig
C 330-038	RG-174. 188. 316	Fig 1
C 330-039	RG-316D/S	Fig 1
C 330-040	RG-174. 188. 316	Fig 2
C 330-041	RG-316D/S	Fig 2

Fig 2

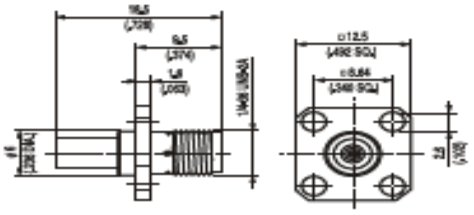


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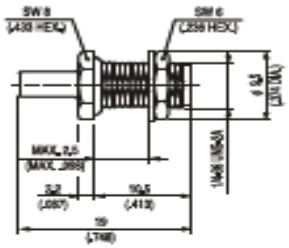
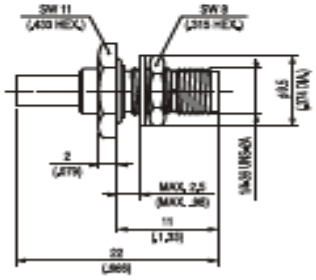
Fig 1



BULKHEAD JACK

Part Number	Cable	Fig
C 330-042	RG-174, 188, 316	Fig 1
C 330-043	RG-316D/S	Fig 1
C 330-044	RG-400, 142, 223, 58	Fig 1
C 330-045	LMR200, HPF200	Fig 1
C 330-046	RG-174, 188, 316	Fig 2
C 330-047	RG-316D/S	Fig 2
C 330-048	RG-400, 142, 223, 58	Fig 2
C 330-049	LMR200, HPF200	Fig 2

Fig 2



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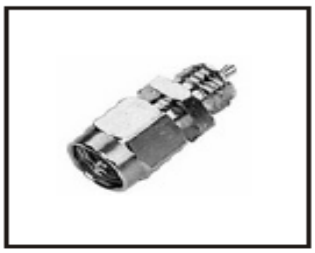
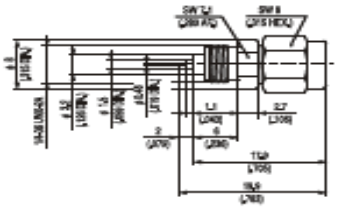
Receptades Connectors

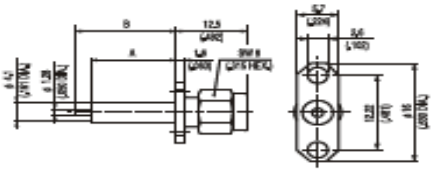




BULKHEAD PLUG

Part Number	Description
C330-050	Bulkhead Plug

Fig 1



PANEL PLUG

Part Number	Description	A	B	Fig.
C330-051		-	3.0	Fig 1
C330-052		3.0	6.0	Fig 1
C330-053		5.0	8.0	Fig 1
C330-054		10.0	13.0	Fig 1
C330-055		-	3.0	Fig 2
C330-056		3.0	6.0	Fig 2
C330-057		5.0	8.0	Fig 2
C330-058		10.0	13.0	Fig 2

Fig 2

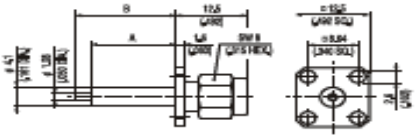


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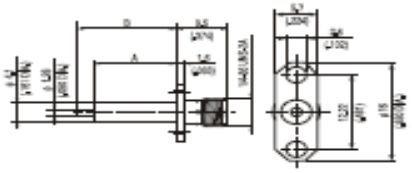
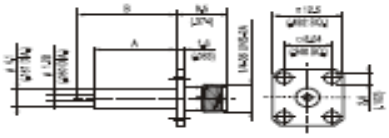
Fig 1

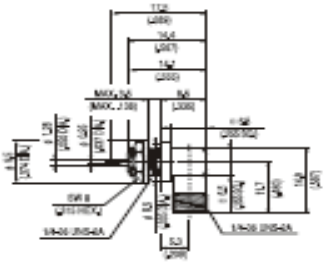


PANEL JACK

Part Number	Description	A	B	Fig.
C 330-059		-	3.0	Fig 1
C 330-060		3.0	6.0	Fig 1
C 330-061		5.0	8.0	Fig 1
C 330-062		10.0	13.0	Fig 1
C 330-063		-	3.0	Fig 2
C 330-064		3.0	6.0	Fig 2
C 330-065		5.0	8.0	Fig 2
C 330-066		10.0	13.0	Fig 2

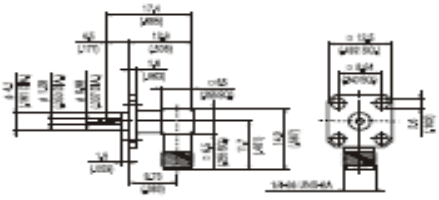
Fig 2





RIGHT ANGLE BULKHEAD JACK

Part Number	Description
C 330-067	



RIGHT ANGLE PANEL JACK

Part Number	Description
C 330-068	

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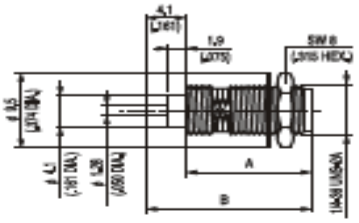
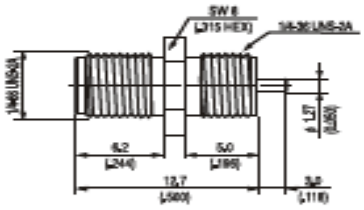


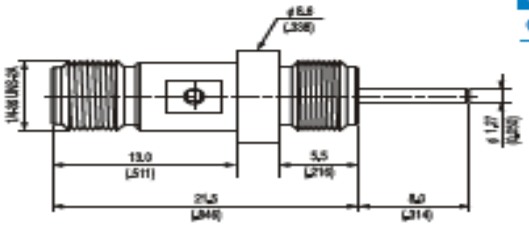
STRAIGHT BULKHEAD JACK

Part Number	Description	A	B
C 330-069		12.7	16.7
C 330-070		16.0	19.0



STRAIGHT BULKHEAD JACK

Part Number	Description
C 330-071	



STRAIGHT BULKHEAD JACK

Part Number	Description
C 330-072	

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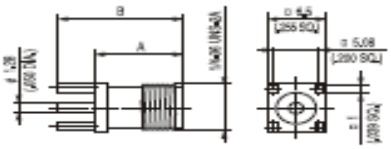
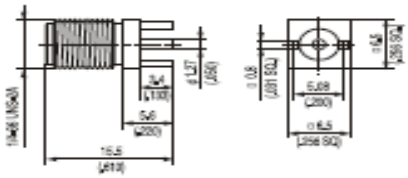
PCB Connectors



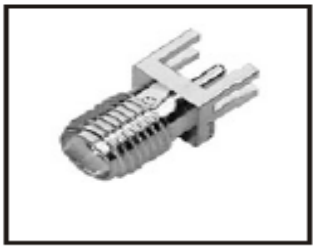
STRAIGHT PCB JACK

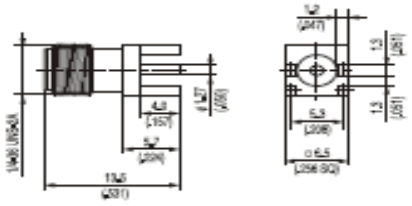
Part Number	Description	A	B
C 330-073		7.5	11.5
C 330-074		9.5	13.5



STRAIGHT PCB JACK

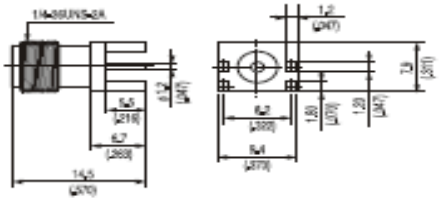
Part Number	Description
C 330-075	





STRAIGHT PCB JACK

Part Number	Description
C 330-076	



STRAIGHT PCB JACK

Part Number	Description
C 330-077	

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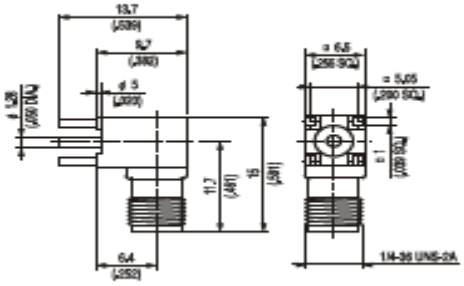

RIGHT ANGLE PCB JACK

Part Number	Description
C 330-078	

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SMA

Specifications

ELECTRICAL

Electrical Data	General Specifications		Note
Impedance	50 Ω		
Frequency range	DC - 18GHZ		
V.S.W.R	1GHZ		
- Straight semi-rigid	1.03	1.03	RG-405/0.085"
- Straight flexible	1.05	1.07	RG-316/u
- Right angle semi-rigid	1.03	1.05	RG-405/0.085"
- Right angle flexible	1.05	1.07	RG-316u
Dielectric withstanding			
- Voltage(at sea level)	1000V rms, 50HZ		
- Working voltage(at sea level)	≤325V rms,50HZ		
Insulation resistance	≥5.10³ MΩ		
contact resistance			
- Center contact	≤3 MΩ		
- Out contact	≥2 MΩ		

ENVIRONMENTAL

Environmental Data	General Specifications	Note
Temperature range		
- Semi-rigid cables	-65℃ ~ +165℃	
- Flexible Cables	-65℃ ~ +80℃	
Temperature shock	MIL-STD202, Method107, Condition B	
Moisture resistance	MIL-STD202, Method106	
Corrosion	Saltspray Test acc. to MIL-STD-202,	
	Method101, Condition B	
Vibration	MIL-STD202, Method204, Condition D	
Shock	MIL-STD202, Method203, Condition I	

MECHANICAL

Mechanical Data	General Specifications	Note
Coupling nut torque		
- Recommended torque	1.0Nm / 8.9 in.-lbs	
- Coupling proof torque	1.7Nm / 15.0 in. -lbs	
Coupling retention force	≥270 N / 60.7 lbs	
Contact captivation	≥27 N / 6.1 lbs	
Durability(Matings)	≥500	

MATERIAL

Connector Part	Material	Plating
Bodys , Pin contact	Stainless	Gold, Passivated
	Brass	Gold, SUCO
Centre contacts	Beryllium-copper	Gold
Insulators	PTFE	
Gaskets	Silicone rubber	
Crimp ferrules	Brass	Gold, Nickel

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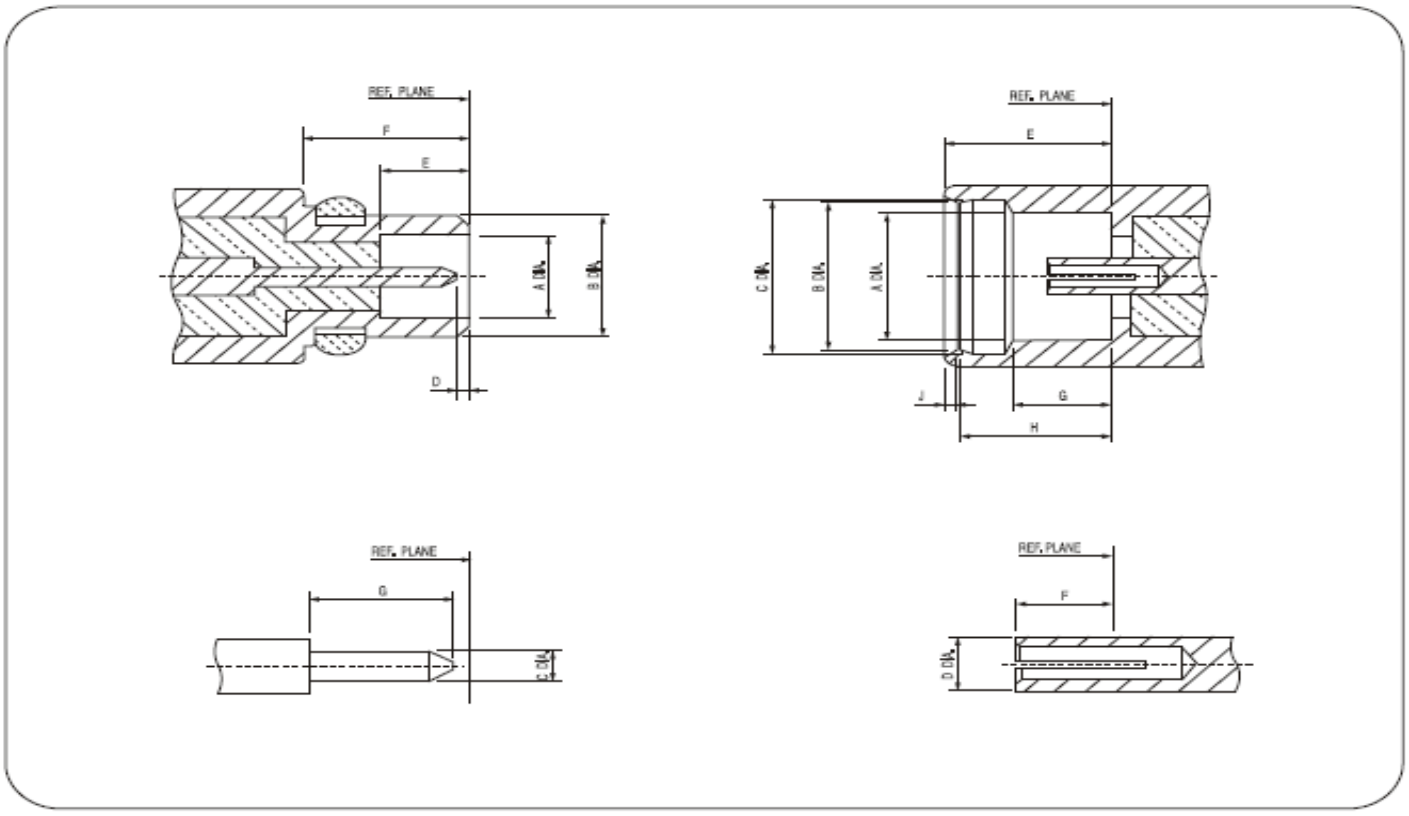
Subminiature coaxial Connector 50 Ω

Interface Dimensions



PLUG

Letter	Millimeters			
	Min.	Max.	Min.	Max.
A	-	.180	-	4.59
B	.250	-	6.35	-
C	.000	.010	0.00	0.25
D	.000	.010	0.00	0.25
E	-	.100	-	-
F	.015	.045	0.38	2.54
G	.130	-	3.30	1.14
H	-	.135	-	3.43
J	.355	.037	0.90	0.94
k	-	-	-	-

PLUG

Letter	Millimeters			
	Min.	Max.	Min.	Max.
A	.181	-	4.59	-
B	.208	.216	5.28	5.49
C	.000	.010	0.00	0.25
D	.000	.010	0.00	0.25
E	.105	-	2.67	-
F	.015	.045	0.38	1.14
G	.170	-	4.32	-
H	.074	.078	1.88	1.98
J	.218	-	5.54	-
k	.049	.051	1.24	1.29

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