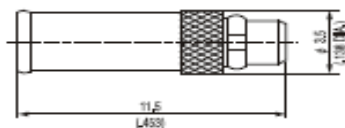


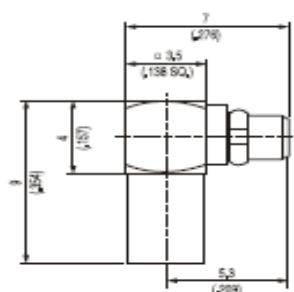
MMCX

Cable Connectors for Semi-Rigid Cables



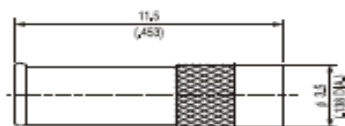
STRAIGHT PLUG

Part Number	Cable
C 310-001	.047"(M17/151)
C 310-002	.085"(RG-405, M17/133)



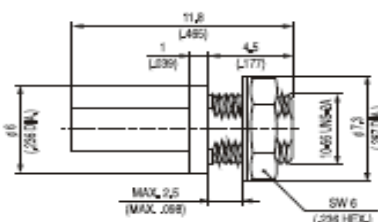
RIGHT ANGLE PLUG

Part Number	Cable
C 310-003	.047"(M17/151)
C 310-004	.085"(RG-405, M17/133)



STRAIGHT JACK

Part Number	Cable
C 310-005	.085"(RG-405, M17/133)

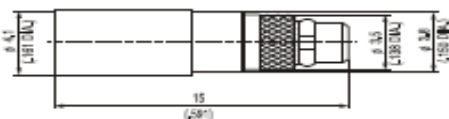


BULKHEAD JACK

Part Number	Cable
C 310-006	.085"(RG-405, M17/133)

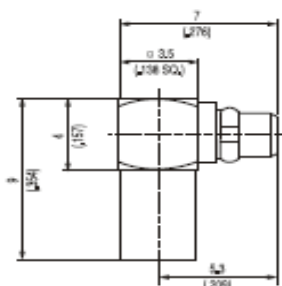
MMCX

Cable Connectors for Flexible Cables



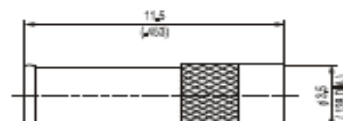
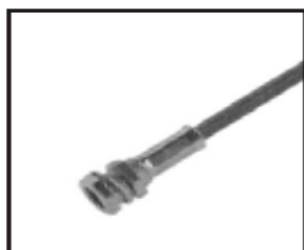
STRAIGHT PLUG

Part Number	Cable
C 310-007	RG-178, 196
C 310-008	RG-174, 188, 316
C 310-009	RG-316D/S



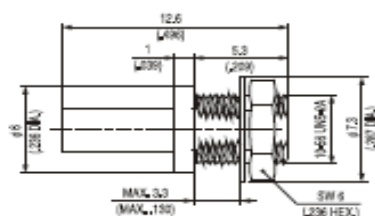
RIGHT ANGLE PLUG

Part Number	Cable
C 310-010	RG-178, 196
C 310-011	RG-174, 188, 316
C 310-012	RG-316D/S



STRAIGHT JACK

Part Number	Cable
C 310-013	RG-178, 196
C 310-014	RG-174, 188, 316
C 310-015	RG-316D/S

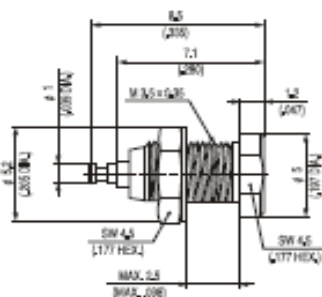


BULKHEAD JACK

Part Number	Cable
C 310-016	RG-178, 196
C 310-017	RG-174, 188, 316
C 310-018	RG-316D/S

MMCX

Receptacles Connectors



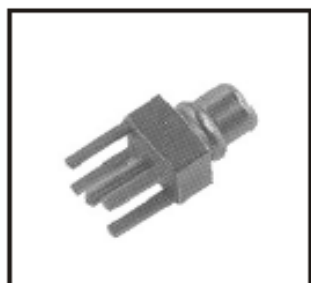
BULKHEAD JACK

Part Number	Description
C 310-019	



STRAIGHT PCB JACK

Part Number	Description
C 310-020	



STRAIGHT PCB PLUG

Part Number	Description
C 310-021	

MMCX



Fig 1

STRAIGHT PCB JACK

Part Number	Description	Fig.
C310-022		Fig 1
C310-023		Fig 2

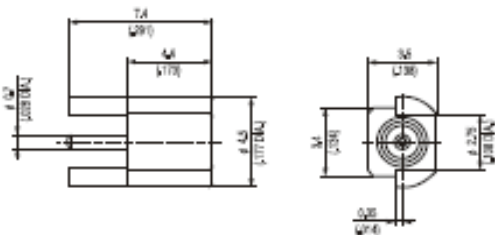
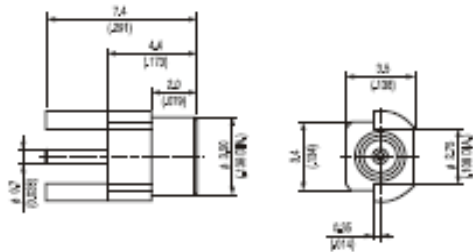
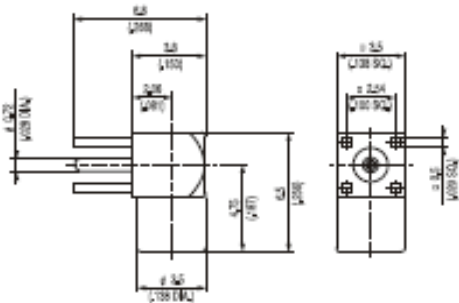


Fig 2



RIGHT ANGLE PCB JACK

Part Number	Description
C310-024	



MMCX

Specifications

ELECTRICAL

Electrical Data	General Specifications		Note
Impedance	50 Ω		
Frequency range	DC - 6GHz		
V.S.W.R	1 GHz	2.5 GHz	
- Straight semi-rigid	1.03	1.08	RG-405/0.85"
- Straight flexible	1.04	1.08	RG-316/u
- Right angle semi-rigid	1.03	1.08	RG-405/0.85"
- Right angle flexible	1.07	1.12	RG-316u
Dielectric withstanding			
- Voltage(at sea level)	500V rms, 50HZ		
- Working voltage(at sea level)	$\leq 170V$ rms,50HZ		
Insulation resistance	$\geq 10^9 M \Omega$		
contact resistance			
- Center contact	$\leq 5.0 M \Omega$		
- Out contact	$\geq 2.5 M \Omega$		

ENVIRONMENTAL

Environmental Data	General Specifications	Note
Temperature range	-55°C ~ +155°C	
Temperature shock	MIL-STD202,Method107,Condition F	
Moisture resistance	MIL-STD202,Method106	
Corrosion	Salt spray Test acc. to MIL-STD-202, Method101, Condition B	
Vibration	MIL-STD202, Method204, Condition C	

MECHANICAL

Mechanical Data	General Specifications	Note
Engagement force	$\leq 15N / 3.4$ lbs.	
Disengagement force	6N-15N/1.4 lbs-3.4 lbs	
Contact captivation	$\geq 10N/2.3$ lbs	
Durability(Matings)	≥ 500	

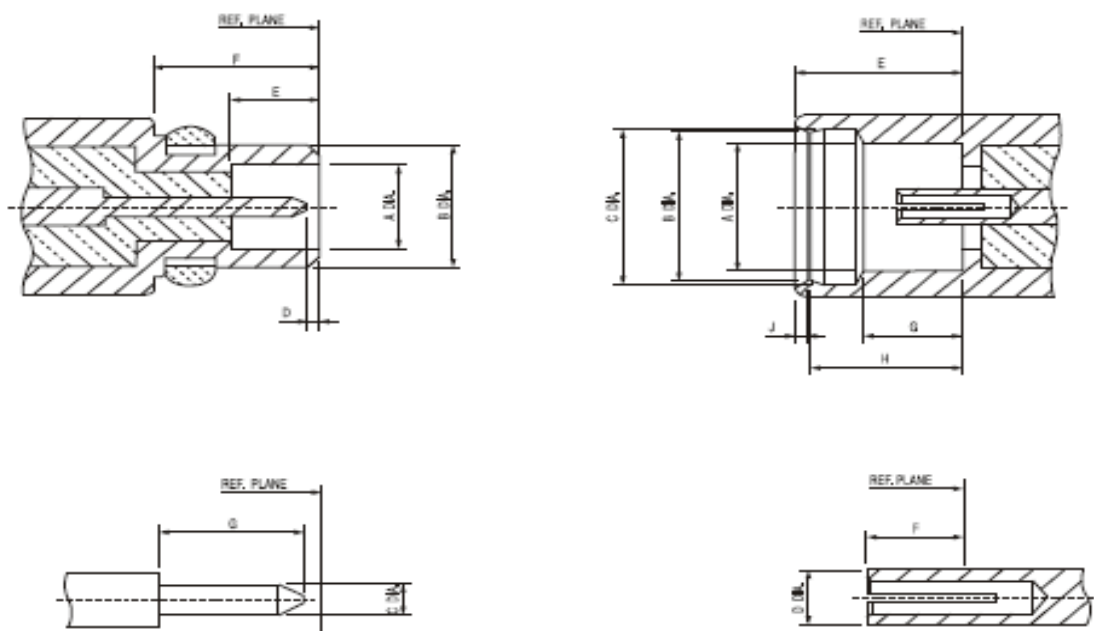
MATERIAL

Connector Part	Material	Plating
Bodys	Brass	Gold
Socket contacts	Beryllium-copper	Gold
Insulators	PTFE	
Crimp females	Brass	Gold

MMCX

Miniature Microax Connector 50 Ω

Interface Dimensions



PLUG

Letter	Millimeters			
	Min.	Max.	Min.	Max.
A	.062	.064	1.58	1.62
B	-	.094	-	2.40
C	.015	.017	0.38	0.42
D	.000	.010	0.00	0.25
E	.057	-	1.45	-
F	.106	-	2.70	-
G	-	.124	-	3.15
H	-	-	-	-
J	-	-	-	-

JACK

Letter	Millimeters			
	Min.	Max.	Min.	Max.
A	.095	2.41	-	-
B	.113	2.88	.114	2.90
C	.118	3.00	.120	3.04
D	.027	0.68	.028	0.72
E	.102	2.60	-	-
F	.030	0.75	.033	0.85
G	.062	1.57	.064	1.63
H	.091	2.30	.092	2.34
J	-	-	.009	0.23