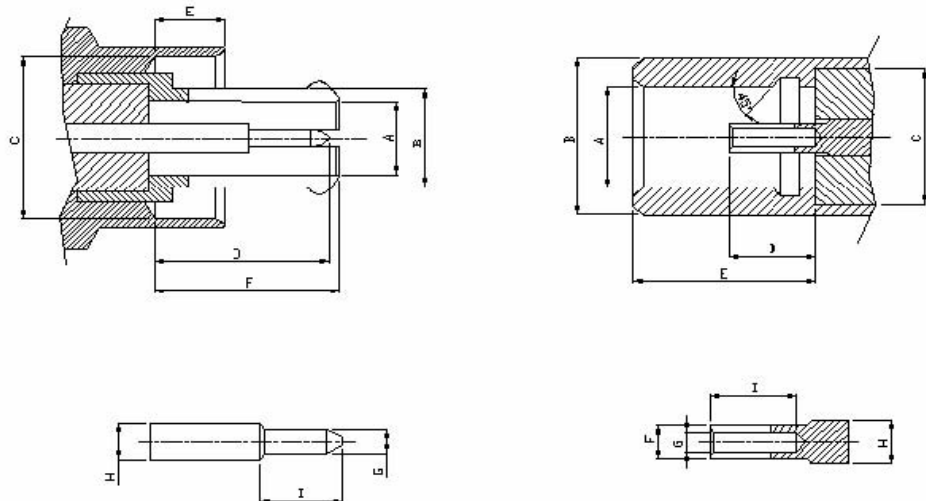


Description

MC CARD connectors are suitable for DC up to 6 GHz, Applications include wireless Network communication and etc. MC CARD is quick connection/disconnection snap-on mating.

Interface Mating Dimensions



Male					Female				
LTR	Millimeters / Inches				LTR.	Millimeters / Inches			
	Minimum		Maximum			Minimum		Maximum	
A	Φ1.35	Φ.053	Φ1.45	Φ.057	A	Φ1.90	Φ.075	Φ2.00	Φ.079
B	Φ1.80	Φ.071	Φ1.90	Φ.075	B	Φ2.90	Φ.144	Φ2.96	Φ.116
C	Φ2.97	Φ.117	Φ3.00	Φ.118	C	Φ2.90	Φ.144	Φ2.96	Φ.116
D	3.15	.124	3.25	.128	D	1.50	.059	1.70	.067
E	1.25	.049	1.35	.053	E	3.20	.126	3.40	.134
F	3.35	.132	3.45	.136	F	Φ0.58	Φ.023	Φ0.62	Φ.024
G	Φ0.33	Φ.013	Φ0.37	Φ.041	G	Φ0.33	Φ.013	Φ0.43	Φ.017
H	Φ0.58	Φ.023	Φ0.62	Φ.024	H	Φ0.70	Φ.027	Φ0.80	Φ.031
I	1.40	.055	1.50	.059	I	3.20	.126	3.40	.134
J					J				
K					K				
L					L				

Material / Finish:

	Material	Finish
Connector body	Brass per(QQ-B-626 or JIS-C3604B)	Nickel or gold plating
Center contact male	Brass per(QQ-B-626 or JIS-C3604B)	Gold plating
Center contact female	Beryllium copper per(QQ-C-530 or JIS-C 1730)	Gold plating
Insulator	PTFE	None
Crimp ferrule	Annealed copper	Same as body

Electrical:

Nominal impedance	50Ω
Frequency up to	6.0 GHz
VSWR	1.40 max. at 2.5 GHz
Working voltage	100 Volts rms.
Dielectric withstanding voltage	250 Volts rms.
Insulation resistance	500 MΩmin.
Contact resistance	Center conductor 5.0 MΩ initial
	Outer conductor 3.0 MΩ initial

Mechanical & Environmental:

Mating	Snap on coupling
Durability	≥ 500 cycles
Engagement force	20 N max.
Disengagement force	5 N min.
Temperature range	-25°C to +125°C
Vibration	Per Mil-STD-202 method 204 Test Condition D
Shock	Per Mil-STD-202 method 213 Test Condition I
Corrosion	Per Mil-STD-202 method 101 Test Condition B

MC CARD Switch Technical Data

Material / Finish :

	Material	Finish
Connector body	Brass per (QQ-B-626 or JIS-C3604B)	Gold plating
Center contact female	Beryllium copper per (QQ-C-530 or JIS-C1730)	Gold plating
Insulator	PTFE	None
Sleeve	Brass per (QQ-B-626 or JIS-C3604B)	Gold plating
Spring	Stainless steel	None

Electrical :

Nominal impedance	50 Ω
Frequency up to	3.0 GHz
VSWR	1.40 max. at 2.5 GHz
Working voltage	100 Volts rms.
Dielectric withstanding voltage	250 Volts rms.
Insulation resistance	5000 M Ω min.
Contact resistance	center conductor 5.0 m Ω initial
	outer conductor 3.0 m Ω initial

Mechanical & Environmental :

Mating	Snap on coupling
Durability	≥ 500 cycles
Engagement force	10 N max.
Disengagement force	5 N min.
Temperature range	-45°C to +125°C
Vibration	Per MIL-STD-202 Method 204 Test Condition D
Shock	Per MIL-STD-202 Method 213 Test Condition I
Corrosion	Per MIL-STD-202 Method 101 Test Condition B

MC CARD Connector



P/N:10130113

MC CARD(M) S/T Plug For RG-174/316



P/N:10130713

MC CARD(M) S/T Plug For RG-174/316



P/N:10130204

MC CARD(M) R/A Plug For 1.13mm



P/N:10131109

MC CARD(F) R/A Jack For RG-178



P/N:10131009

MC CARD(F) S/T Jack For RG-178

MC CARD Connector



P/N:10131234

MC CARD(M) S/T Plug For P.C.B Mount



P/N:10130334

MC CARD(F) S/T Jack For Switch Edge Card Receptacle



P/N:10130934

MC CARD(F) S/T Jack For Switch Edge Card Receptacle