



MMBX

CHARACTERISTICS

TEST / CHARACTERISTICS	CECC 22000	VALUES / REMARKS
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ELECTRICAL CHARACTERISTICS

Impedance	-	50Ω
Frequency Range	-	DC- 12.4 GHz
Typical V.S.W.R.		DC - 1 GHz 1 - 2.5 GHz 2.5 - 6 GHz
• Straight Connectors:		
- 2/50/S		1.05 1.06 1.10
- 2.6/50/S		1.05 1.06 1.10
- 2.6/50/D	-	1.05 1.06 1.10
• Right Angle Connectors:		
- 2/50/S		1.05 1.13 1.22
- 2.6/50/S		1.05 1.06 1.17
- 2.6/50/D		1.05 1.06 1.13
Insulation Resistance	-	> 1 GΩ
Dielectric Withstanding Voltage (Sea Level)	4.4.5	500 Vrms. 50 Hz 750 Vrms. 50 Hz
• 2.50		
• 2.6/50		
Contact Resistance		
• Center Contact	4.4.2	≤ 5 mΩ
• Outer Contact	4.4.3	≤ 1 mΩ

MECHANICAL CHARACTERISTICS

Mechanical Endurance	4.7.1	100 Matings
Engagement and Separation Force		
• Engagement	4.5.4	30 N max
• Separation		8-30 N
Contact Captivation	4.5.2	≥ 10 N
Cable Retention Force		
• 2/50	-	58 N
• 2.6/50		110 N
Vibration	4.6.3 - IEC 68-2-6 Fc	MIL-STD-202, Method 204 D, Condition A

ENVIRONMENTAL CHARACTERISTICS

Temperature Range	-	-55 °C + 155 °C
Thermal Shock	4.6.7 - IEC 68-2-14 Na	MIL STD 202, Method 107G, Condition B1
Moisture Resistance	4.6.6 - IEC 68-2-3 Ca	MIL STD 202, Method 106F
Corrosion	4.6.10 - IEC 68-2-11 Ka	MIL STD 202, Method 101, Condition B
Vibration	4.6.3 - IEC 68-2-6 Fc	MIL STD 202, Method 204D, Condition A

MATERIALS

Center & Outer Contacts	-	Beryllium Copper
Bodies	-	Brass
Ferrules	-	Copper
Insulators	-	PTFE

PLATING

Center & Outer Contacts	-	Gold / NPGR
Bodies	-	NPGR
Ferrules	-	NPGR

Notes

Standard packaging = 100 pieces.

All dimensions are given in mm.