MMCX

CHARACTERISTICS

TEST / CHARACTERISTICS	TEST STANDARD	VALUES / REMARKS
ELECTRICAL CHARACTERISTICS		
Impedance	-	50Ω
Frequency Range	-	DC - 6 GHz
V.S.W.R.	CECC 22000 4.4.1	Edge Card SMT: 1.40 max Cabled: 1.35 max
Dielectric Withstanding Voltage (At Sea Level)	CECC 22000 4.4.5	500 V RMS 50 Hz
Insulation Resistance	CECC 22000 4.4.4	1000 MΩ min
MECHANICAL CHARACTERISTICS		
Engagement Force	CECC 22000 4.5.4	3.5 lbs max
Disengagement Force	CECC 22000 4.5.4	1.4 lbs to 3.4 lbs max
Contact Captivation	CECC 22000 4.5.2	2.3 lbs min
Durability (Mating)	CECC 22000 4.7.1	500 cycles min
ENVIRONMENTAL CHARACTERISTICS		
Temperature Range	-	-55 °C / +155 °C
Temperature Shock	CECC 22000 4.6.7	Compliant
Vibration	CECC 22000 4.6.3	Compliant

MATERIALS AND PLATING

	Material	Plating
Bodies	Brass	Gold
Center Contact **• Male** **• Female**	Brass Beryllium Copper	Gold
Insulator	PTFE	-

These characteristics are typical and may not apply to all connectors.

CHARACTERISTICS ECO MMCX

TEST / CHARACTERISTICS	VALUES / REMARKS
ELECTRICAL AND MECHANICAL CHARACTERISTICS	
Impedance	50Ω
Frequency Range	DC - 3 GHz
Typical VSWR	1.35 at 3 GHz
Temperature Range	-40 °C to + 100 °C
Mating Cycles	100 Mating Cycles

MATERIALS AND PLATING

	Material	Plating
Connector Body	Brass	Gold
Insulator	PTFE / Polypropylene	-
Female Center Contact	Beryllium Copper	Gold
Outer Contact	Brass	-

PACKAGING

Packaging	100 Pieces Bulk 500 Pieces Reel 1500 Pieces Reel Unit Packaging