



## CHARACTERISTICS

DESCRIPTION:	MMCX Type male connector
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### Electrical data:

Impedance:	50 ohm
Frequency range:	DC to 6 GHz
Return loss:	$\geq 30\text{dB}$ , DC-1GHz $\geq 25\text{dB}$ , 1-2.5GHz $\geq 19\text{dB}$ , 2.5-6GHz
Insertion loss:	$\leq 0.15X \sqrt{f[\text{GHz}]}\text{dB}$ , DC-6GHz
Insulation resistance:	$\geq 1000\text{M}\Omega$
Test voltage:	500 V rms
Working voltage:	150 V rms
Contact resistance:	
1). Centre contact:	5.0 m $\Omega$
2). Outer conductor:	2.5 m $\Omega$
RF leakage(measured at 1GHz):	$\geq 70\text{dB}$

### Environmental data:

Temperature rating:	-55 ° C to +155 ° C
2002/95/EC (RoHS):	Compliant

### Mechanical data:

Mating cycles:	$\geq 500$
Center contact captivation:	$\geq 10\text{ N(axial)}$
Engagement force:	$\leq 15\text{ N}$
Disengagement force:	6N~15N

### Suitable cables:

0.86/670-086/670-086 SXE/680-086