

Product data sheet

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Part Number: 166.42.2520.001		Revision: a
Description: SMA p.c.b. mount angle jack		Date: 21.08.2006
		Signature: U. Mayer
		Page: 1 of 2
Design according to:	IEC 169-15 (Type SMA)	
Electrical characteristics	colored value means: still under test target value	
	Value	Unit
Impedance (MIL-C- 39012B)	50	[Ω]
Operating frequency up to	...10	[GHz]
Return loss measured with cable typ:	-	-
1 GHz	>40	[dB]
2 GHz	>40	[dB]
4 GHz	38	[dB]
6 GHz	23	[dB]
10 GHz	18	[dB]
3rd. Order PIM product 2x43dBm	/	[dBc]
Insulation resistance	5	[GΩ]
Contact resistance		
Centre contact	3	[mΩ]
Outer contact	2	[mΩ]
Contact current max. (DC)	2	[A]
Operating voltage	500	[V]
Proof voltage	1000	[V]
		Remarks
		at 910MHz / at 1870 MHz
Mechanical characteristics	Value	Unit
Engagement force		[N]
Separating force		[N]
Mating cycles	>500	
Coupling nut retention force		[N]
Coupling nut torque		[Nm]
		Remarks

