

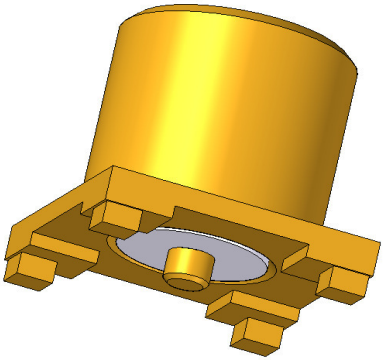
PRODUCT DATA SHEET

Part Number: 2017.01.2510.003

Description: P.C.B. mount jack

Design according to: CECC 22220 (Type MCX)

Electrical characteristics:

	Value	Unit	Picture
	colored value means: still under test target value		
Operating frequency up to	4	[GHz]	
Impedance (MIL - C -39012B)	50	[Ω]	
Return loss			
1 GHz	≥ 30	[dB]	
2 GHz	≥ 25	[dB]	
4 GHz	≥ 21	[dB]	
6 GHz	≥ 13	[dB]	
Insulation resistance	≥ 10	[GΩ]	
Contact resistance			
Centre contact	≤ 5	[mΩ]	
Outer contact	≤ 1	[mΩ]	
Contact current max. (DC)	1,5	[A]	
Operating voltage	< 335	[V]	
Proof voltage	500	[Veff]	

Remarks

Mechanical characteristics:

	Value	Unit	Remarks
Engagement force	max. 25	[N]	
Disengagement force	min.8 -max. 20	[N]	
Mating cycles	> 500		

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Material & plating:

RoHS (2002/95/EC and 2011/65) conform		
	Material	Plating
Outer contact	Brass	Ni-P + 0,15µm Au
Centre contact	Copper beryllium	Ni-P + 0,15µm Au
Insulator	PTFE	-

Environmental influences:

Operating temperature range	-55°C up to +125C Standard	Remarks
Climatic sequence: 1. Dry heat 2. Damp heat, cyclic, 1 cycle 3. Cold 4. Damp heat, cyclic, 6 cycles	IEC 60068-2-61 IEC 60068-2-2-Ba IEC 60068-2-30-Db IEC 60068-2-1-Aa IEC 60068-2-30-Db	
Solder profile:	JEDEC J-STS-020C	

Notes

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Update History

Rev.	Date	Alteration	Signature
a	03.04.2009	return loss addition	R. Schwär
b	07.03.2014	return loss addition	F. Fabiankovits

Formblatt-Nr.: Form-TK-012b	
Rev.	02
Released	21.06.2013

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SMD solderability

Recommended reflow soldering profile.
Max. temperature 260°C (lead free soldering)

