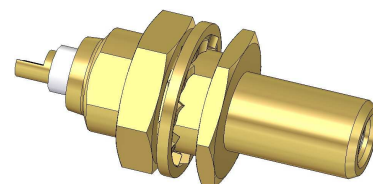


Product data sheet

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Part Number: 13.1213.191		Revision: -
Description: SMS-Bulkhead plug		Date: 2010.05.31
		Signature: Pölz
		Page: 1 of 2
Design according to:		
Electrical characteristics:	colored value means: still under test target value	
	Value	Unit
	Impedance (MIL-C- 39012B)	50 [Ω]
	Operating frequency up to	6 [GHz]
	Return loss measured with cable typ:	-
	1 GHz	35 [dB]
	2 GHz	27 [dB]
	4 GHz	21 [dB]
	6 GHz	16 [dB]
	3rd. Order PIM product 2x43dBm	- / - [dBc]
Mechanical characteristics:	Insulation resistance	10 [GΩ]
	Contact resistance	
	Centre contact	5 [mΩ]
	Outer contact	2,5 [mΩ]
	Contact current max. (DC)	1,5 [A]
	Operating voltage	335 [V]
	Proof voltage	1000 [V]
	Value	Unit
	Engagement force	max. 10 [N]
	Disengagement force	min. 2 - max. 10 [N]
	Mating cycles	>500



Remarks

at 910MHz / at 1870 MHz

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<u>Material & plating:</u>	RoHS (2002/95/EC) conform	
	Material	Plating
Outer contact	Brass	Cu + Ni + 0,8µm Au
Centre contact	Brass	Cu + Ni + 1,3µm Au
Coupling nut	Brass	Cu + Ni + 0,2µm Au
Insulator	PTFE	

<u>Environmental influences:</u>		
Operating temperature range	-65°C up to +165°C 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:	-	

Notes:

<u>Update historie</u>			
Rev.	Date	Alteration	Signature

Formblatt-Nr.: Form-TK-012b