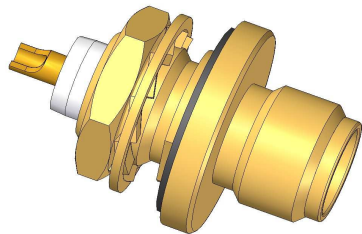


Product data sheet

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Part Number: 42.2212.191 Description: SMA-Bulkhead jack		Revision: - Date: 26.06.2010 Signature: Pölz N Page: 1 of 2	
Design according to:		IEC 169-15 (Type SMA)	
Electrical characteristics:		colored value means: still under test target value	
	Value	Unit	Picture
Impedance (MIL-C- 39012B)	50	[Ω]	
Operating frequency up to	6	[GHz]	
Return loss			
1 GHz	37	[dB]	
2 GHz	30	[dB]	
4 GHz	21	[dB]	
6 GHz	16	[dB]	
Insulation resistance	>10	[G Ω]	
Contact resistance			
Centre contact	< 3	[m Ω]	
Outer contact	< 2	[m Ω]	
Contact current max. (DC)	2	[A]	
Operating voltage	335	[V]	
Proof voltage	1000	[V]	
			Remarks
Mechanical characteristics:		Value	Unit
Mating cycles	> 500		Remarks

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	Page: 2 of 2

Material & plating:	RoHS (2002/95/EC) conform	
	Material	Plating
Outer contact	Brass	Cu + Ni + 0,8µm Au
Centre contact	Copper beryllium	Ni + 1,3µm Au
Insulator	PTFE	-
Coupling nut	Brass	Cu + Ni + 0,2µm Au
Fan disk	Bronze	Cu + Ni + 0,2µm Au
Gasket	Silikon	-

Environmental influences:	Remarks	
	Operating temperature range	
Operating temperature range	-65°C up to +155°C	
Climatic sequence:	Standard	
1. Dry heat	IEC 60068-2-61	
2. Damp heat, cyclic, 1 cycle	IEC 60068-2-2-Ba	
3. Cold	IEC 60068-2-30-Db	
4. Damp heat, cyclic, 6 cycles	IEC 60068-2-1-Aa	
Solder profile:	-	IEC 60068-2-30-Db

Notes:

Update historie			
Rev.	Date	Alteration	Signature