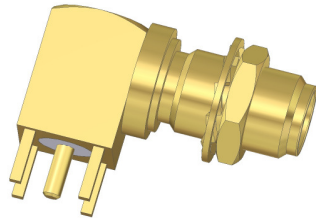


Product data sheet

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Part Number: 049.42.2522.203		Revision: a
Description: SMA(f) - angle bulkhead jack		Date: 21.10.2008
		Signature: R. Schwär
		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	
	1 GHz	≥36 [dB]
	2 GHz	≥33 [dB]
	4 GHz	≥33 [dB]
	6 GHz	≥31 [dB]
	10 GHz	≥18 [dB]
		Picture
		
		Remarks
	Insulation resistance	≥10 [GΩ]
	Contact resistance	
	Centre contact	<3 [mΩ]
	Outer contact	<2 [mΩ]
	Contact current max. (DC)	2 [A]
	Operating voltage	≤335 [Veff]
	Proof voltage	1000 [Veff]
Mechanical characteristics:		
	Value	Unit
Mating cycles	> 500	

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Part Number: 049.42.2522.203 Description: SMA(f) - angle bulkhead jack		Revision: a Date: 2008.10.21 Signature: R. Schwär Page: 2 of 2																																																	
Material & plating: SMA-connecting part PCB-connecting piece Centre contact Nut Washer Insulator		RoHS (2002/95/EC and 2011/65) conform <table border="1"> <thead> <tr> <th>Material</th> <th>Plating</th> </tr> </thead> <tbody> <tr> <td>Brass</td> <td>Ni-P + 0,15µm Au</td> </tr> <tr> <td>Brass</td> <td>Ni-P + 0,15µm Au</td> </tr> <tr> <td>Copper beryllium</td> <td>Ni-P + 0,15µm Au</td> </tr> <tr> <td>Brass</td> <td>Cu + Ni + 0,2µm Au</td> </tr> <tr> <td>Bronze</td> <td>Cu + Ni + 0,2µm Au</td> </tr> <tr> <td>PTFE</td> <td>-</td> </tr> </tbody> </table>		Material	Plating	Brass	Ni-P + 0,15µm Au	Brass	Ni-P + 0,15µm Au	Copper beryllium	Ni-P + 0,15µm Au	Brass	Cu + Ni + 0,2µm Au	Bronze	Cu + Ni + 0,2µm Au	PTFE	-																																		
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Environmental influences: Operating temperature range Climatic sequence: 1. Dry heat 2. Damp heat, cyclic, 1 cycle 3. Cold 4. Damp heat, cyclic, 6 cycles		<table border="1"> <thead> <tr> <th></th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>-40°C up to +85°C Standard</td> <td></td> </tr> <tr> <td>IEC 60068-2-61 IEC 60068-2-2-Ba IEC 60068-2-30-Db IEC 60068-2-1-Aa IEC 60068-2-30-Db</td> <td></td> </tr> </tbody> </table>			Remarks	-40°C up to +85°C Standard		IEC 60068-2-61 IEC 60068-2-2-Ba IEC 60068-2-30-Db IEC 60068-2-1-Aa IEC 60068-2-30-Db																																											
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