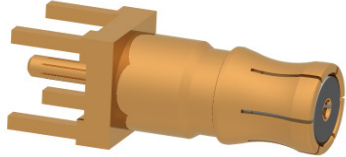


Product data sheet

IMS CONNECTOR SYSTEMS GmbH
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Part Number: 3912.QLS.2510.003 Description: p.c.b. mount jack		Revision: b Date: 22.01.2009 Signature: R. Schwär Page: 1 of 2	
Design according to:		-	
Electrical characteristics		<div style="background-color: #e0ffe0; padding: 2px; font-size: 0.8em;">colored value means: still under test target value</div>	
	Value	Unit	Picture
Impedance (MIL-C- 39012B)	50	[Ω]	
Operating frequency up to	...10	[GHz]	
Return loss			
1 GHz	>40	[dB]	
2 GHz	>40	[dB]	
4 GHz	27	[dB]	
6 GHz	24	[dB]	
10 GHz	21	[dB]	
18 GHz	-	[dB]	
3rd. Order PIM product 2x43dBm	/	[dBc]	
Insulation resistance	5	[GΩ]	
Contact resistance			
Centre contact	3,0	[mΩ]	
Outer contact	2,5	[mΩ]	
Contact current max. (DC)	2	[A]	
Operating voltage	500	[V]	
Proof voltage	1000	[V]	
Mechanical characteristics		Value	Unit
Engagement force	-	[N]	Remarks
Separating force	-	[N]	
Mating cycles	200		

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<u>Material & plating</u>	Material	Plating
Housing Centre contact Insulator	brass copper beryllium PTFE	Ni-P + 0,15µm Au Ni-P + 0,15µm Au -

<u>Environmental influences</u>		Remarks
Operating temperature range	-40°C up to +85°C Standard	
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	

Notes

<u>Update historie</u>		
Rev.	date	Signature
a	03.02.2005	Schwär
b	22.01.2009	Schwär