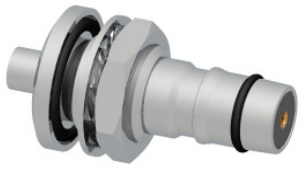


Product data sheet

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Part Number: 5091.QLS.2812.065 Description: Cable mount jack		Revision: a Date: 29.05.2013 Signature: R. Schwär Page: 1 of 2	
Design according to:		-	
Electrical characteristics		colored value means: still under test target value	
	Value	Unit	Picture
Impedance (MIL-C- 39012B)	50	[Ω]	
Operating frequency up to	...18	[GHz]	
Return loss measured with cable typ:	Sucoform 86	H+S	
1 GHz	35	[dB]	
2 GHz	34	[dB]	
4 GHz	28	[dB]	
6 GHz	20	[dB]	
10 GHz	20	[dB]	
18 GHz	16	[dB]	
3rd. Order PIM product 2x43dBm	-	[dBc]	
Insulation resistance	1	[GΩ]	
Contact resistance			
Centre contact	>10	[mΩ]	
Outer contact	>3	[mΩ]	
Contact current max. (DC)	1,3	[A]	
Operating voltage	335	[V]	
Proof voltage	750	[V]	
		Remarks	
		at 910MHz / at 1870 MHz	
Mechanical characteristics		Value	Unit
Engagement force	-	[N]	Remarks
Separating force	-	[N]	
Mating cycles	200		
Water resistance	IP67		in mated condition

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		Page: 2 of 2
<u>Material & plating</u>	Material	Plating
Housing	brass	Cu + 2-4µm CuZnSn
Centre contact	bronze	Ni-P + 0,15µm Au
Nut	brass	Cu + 2-4µm CuZnSn
Serrated lock washer	bronze	Cu + 2-4µm CuZnSn
Insulator	PTFE	-
<u>Environmental influences</u>	Operating temperature range	-40°C up to +85°C
Climatic sequence:	Standard	Remarks
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	
	IEC 60068-2-30-Db	
<u>Notes</u>		
<u>Update historie</u>		
Rev.	date	Signature
a	11.07.2013	R.Schwär
		Formblatt-Nr.: Form-TK-012b