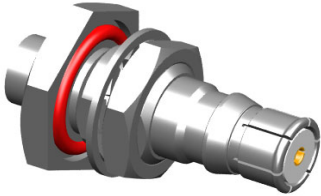


Product data sheet

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Part Number: 3903.QLS.2812.075 Description: Cable mount jack		Revision: - Date: 04.01.05 Signature: R. Schwär Page: 1 of 2	
<u>Design according to:</u>		-	
<u>Electrical characteristics</u>		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:	UT 141-A-TP	Micro Coax	
1 GHz	37	[dB]	
2 GHz	35	[dB]	
4 GHz	31	[dB]	
6 GHz	30	[dB]	
10 GHz	20	[dB]	
18 GHz	15	[dB]	
3rd. Order PIM product 2x43dBm	135	[dBc]	
Insulation resistance	5	[GΩ]	at 910MHz / at 1870 MHz
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]	
<u>Mechanical characteristics</u>		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 Nut Serrated lock washer Insulator	bronze copper beryllium brass bronze PTFE	Cu + 2-4µm CuZnSn Cu + 2-4µm CuZnSn + 1,3µm Au Cu + 2-4µm CuZnSn Cu + 2-4µm CuZnSn -

<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	

<u>Notes</u>

<u>Update historie</u>		
Rev.	date	Signature