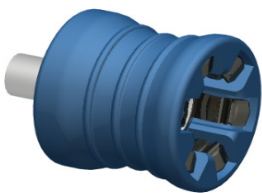


Product Data Sheet / Produkt Datenblatt

Part Number	4897.QLS.1X10.065	Teilenummer
Description	Kabelstecker Cable mount plug	Beschreibung
		
Design according to		Ausführung nach

Electrical characteristics / Elektrische Eigenschaften

		colored value means: under validation		
		Value/Wert	Unit/Einheit	
Impedance (MIL-C-39012B)		50	[Ω]	Impedanz (MIL-C-39012B)
Operating frequency up to		18	[GHz]	Betriebsfrequenz bis zu
Return loss	measured with cable typ: UT 85-AL-TP			gemessen mit Kabel Typ: Rückflusdämpfung
	1 GHz	<35	[dB]	
	2 GHz	<33	[dB]	
	4 GHz	<30	[dB]	
	6 GHz	<29	[dB]	
	10 GHz	<25	[dB]	
	18GHz	<19	[dB]	
3rd. Order PIM product 2x43dBm	at 910MHz/at 1870MHz	140	[dBc]	PIM Produkt 3. Ordnung
Insulation resistance		5	[GΩ]	Isolationswiderstand
Contact resistance				Kontakt-Widerstand
Centre contact		>3,0	[mΩ]	Innenkontakt
Outer contact		>2,5	[mΩ]	Außenkontakt
Contact current max. (DC)		2	[A] DC	Kontakt-Strombelastbarkeit max (DC)
Operating voltage		500	[V] DC	Betriebsspannung
Proof voltage		1000	[V] eff	Prüfspannung

Mechanical characteristics / Mechanische Eigenschaften

		Value/ Wert	Unit/Einheit	
Engagement force		30	[N]	Steckkraft
Separating force		20	[N]	Ziehkraft
Mating cycles		> 100		Steckzyklen
Water resistance				Wasserbeständigkeit

Product Data Sheet / Produkt Datenblatt Page/Seite
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Part Number	4897.QLS.1X10.065	Teilenummer
Description	Kabelstecker Cable mount plug	Beschreibung

Material & plating / Material & Oberfläche

RoHS (2002/95/EC) conform			
	Material/Material	Plating/Oberflächen	
Tighten part	Stainless steel	-	Spannelement
Centre contact	Brass	Ni-P + 0,15µm Au	Innenkontakt
Push ferrule	PARA (HDTA 1,8Mpa 230 °C)	-	Schiebehülse
Other metal parts	Brass	Cu + 2-4µm CuZnSn	sonstige Metallteile
Insulator	PTFE	-	Isolator

Environmental influences / Umwelteinflüsse

Operating temperature range	-40 °C up to +85 °C Standard	Betriebstemperaturbereich
Climatic sequence:	IEC 60068-2-61	Klimafolge:
1. Dry heat	IEC 60068-2-2-Ba	1. Trockene Hitze
2. Damp heat, cyclic, 1 cycle	IEC 60068-2-30-Db	2. Feuchte Wärme, zyklisch, 1 Zyklus
3. Cold	IEC 60068-2-1-Aa	3. Kälte
4. Damp heat, cyclic, 6 cycles	IEC 60068-2-30-Dd	4. Feuchte Wärme, zyklisch, 6 Zyklen
Solder profile		Lötprofil

Notes / Aufzeichnungen

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Update History

Rev.	Date	Signature	Alteration	Approved
f	21.10.2015	I.Fasold	New Template	
Formblatt-Nr.: Form-TK-013ab				
Rev.				04
Released				17. Apr 14