

Product Data Sheet / Produkt Datenblatt

Part Number	3341.SMP.9910.003	Teilenummer
Description	SMP-Adapter (Buchse-Buchse) SMP-adapter (jack-jack)	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	10	[GHz]	Betriebsfrequenz bis zu
Return loss	measured with cable typ:			gemessen mit Kabel Typ: Rückflusdämpfung
	1 GHz	36	[dB]	
	2 GHz	32	[dB]	
	4 GHz	30	[dB]	
	6 GHz	26	[dB]	
	10 GHz	22	[dB]	
3rd. Order PIM product 2x43dBm	at 910MHz/at 1870MHz	/	[dBc]	PIM Produkt 3. Ordnung
Insulation resistance		5	[GΩ]	Isolationswiderstand
Contact resistance				Kontakt-Widerstand
Centre contact		<6	[mΩ]	Innenkontakt
Outer contact		<2	[mΩ]	Außenkontakt
Contact current max. (DC)		1,2	[A] DC	Kontakt-Strombelastbarkeit max (DC)
Operating voltage		335	[V] DC	Betriebsspannung
Proof voltage		500	[V] eff	Prüfspannung

Mechanical characteristics / Mechanische Eigenschaften

		Value/ Wert	Unit/Einheit	
Engagement force	"smooth bore"	≤9	[N]	Steckkraft
	"limited detend"	≤45	[N]	
Separating force	"smooth bore"	≥2,2	[N]	Trennkraft
	"limited detend"	≥9	[N]	
Mating cycles	"smooth bore"	>1000		Steckzyklen
	"limited detend"	>500		

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Material & plating / Material & Oberfläche

RoHS (2002/95/EC) conform		
	Material/Material	Plating/Oberflächen
Spring basket	Copper beryllium	min.0,5µm Cu + min 2µm Ni-P + min.0,2µm Au
Centre contact	Copper beryllium	min.0,5µm Cu + min 2µm Ni-P + min.0,2µm Au
Insulator	PTFE	

Environmental influences / Umwelteinflüsse

	Standard	
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
			Formblatt-Nr.: Form-TK-013b
			Rev. 04
			Released 17. Apr 14