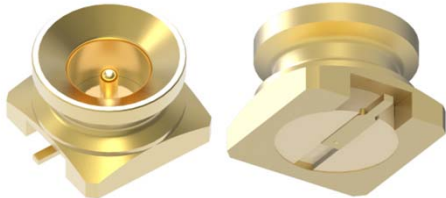


Product Data Sheet / Produkt Datenblatt

Seite 1 / 2

Part Number	7357.SMPL.1010.003	Teilenummer
Description	SMPL PCB mount Plug	Beschreibung
		
Design according to	Longwipe SMP Spec. 17S000-000	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		6	[GHz]	Betriebsfrequenz bis zu
Return loss	measured with cable type:			gemessen mit Kabel Typ: Rückflusdämpfung
	1 GHz	≥28	[dB]	
	2 GHz	≥26	[dB]	
	4 GHz	≥26	[dB]	
	6 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] eff	Betriebsspannung
Proof voltage		500	[V] eff	Prüfspannung

Mechanical characteristics / Mechanische Eigenschaften

		Value/ Wert	Unit/Einheit	
Mating cycles				
"catchers mit"		≥500		
Center contact captivation		≥7	[N]	
Engagement force				
"catchers mit"		≤9	[N]	
Disengagement force				
"catchers mit"		≥2.2	[N]	

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Seite 2 / 2

Part Number	7357.SMPL.1010.003	Teilenummer
Description	SMPL PCB mount Plug	Beschreibung

Material & plating / Material & Oberfläche

	RoHS (2002/95/EC) conform		
	Material/Material	Plating/Oberflächen	
Outer contact	Brass	min 0,5µm Cu +min 2µm NiP +min 0,2µm Au	Außenkontakt
Centre contact	Brass	min 0,5µm Cu +min 2µm NiP + min 0,2µm Au	Innenkontakt
Insulator	PEEK	-	Isolator
	-	-	
		-	
	-	-	

Umwelteinflüsse

Operating temperature range	-55°C up to +155°C	Betriebstemperaturbereich
	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-Db	4. Feuchte Wärme, zyklisch, 6 Zyklen
Solder profile	JEDEC J-STS-020	Lötprofil

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

[illegible]

Revision