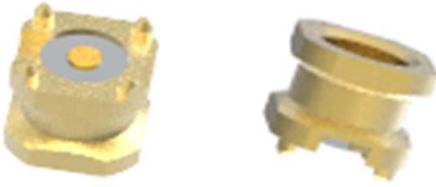


Product Data Sheet / Produkt Datenblatt

Part Number	7366.PSMP.1510.003	Teilenummer
Description	PSMP p.c.b. mount plug (Limited bore)	Beschreibung
		
Design according to	PSMP (Limited bore)	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	DC to 10GHz		[GHz]	Betriebsfrequenz bis zu
Return loss				Rückflusdämpfung
	DC to 4 GHz	≥30	[dB]	
	4 to 6 GHz	≥25	[dB]	
Insertion loss		≤0.03x√f[GHz]	[dB]	
Intermodulation (3rd. Order)	2x43dBm	≥160	[dBc]	PIM Produkt 3. Ordnung
Insulation resistance		≥5	[GΩ]	Isolationswiderstand
Contact resistance				Kontakt-Widerstand
Centre contact		≤3	[mΩ]	Innenkontakt
Outer contact		≤2	[mΩ]	Außenkontakt
Power handling (at 20°C, sea level)	at 2.2GHz	≤200	[W]	
Working voltage (at sea level)		480	[V] rms	Betriebsspannung
Test voltage (at sea level)		1000	[V] rms	Prüfspannung
Weight		1.1	g/pcs	

Mechanical characteristics / Mechanische Eigenschaften

		Value/ Wert	Unit/Einheit	
Mating cycles		≥100		
Center contact captivation		≥7	[N]	
Engagement force		≤45	[N]	
Disengagement force		≥15	[N]	

Product Data Sheet / Produkt Datenblatt Seite 2 / 2

Part Number	7366.PSMP.1510.003	Teilenummer
Description	PSMP p.c.b. mount plug (Limited bore)	Beschreibung

Material & plating / Material & Oberfläche

	RoHS (2002/95/EC) conform		
	Material/Material	Plating/Oberflächen	
Outer contact	Brass	Ni-P + 0,15µm Au	Außenkontakt
Centre contact	Brass	Ni-P + 0,15µm Au	Innenkontakt
Crimp ferrule	-	-	Crimphülse
Other metal parts	-	-	sonstige Metallteile
Insulator	PEEK	-	Isolator
		-	Deckel

Environmental influences: / Umwelteinflüsse

Temperature range	-65°C to +165°C Standard	Betriebstemperaturbereich
Rapid change of temperature	IEC60169-1, Sub-clause 16.4(-65°C to 165°C)	
Vibration	IEC 60068-2-64 Random	
Shock	IEC 60068-2-27(Half-sine)	
High temperature endurance	IEC 60169-1,Sub-clause 18(+165°C, 1000 Hours)	
Max. Soldering temperature	IEC 61760-1, +260°C for 10 sec	
2002/95/EC(PoHS)	compliant	

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