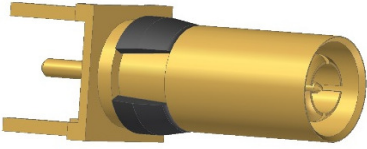


**Product Data Sheet / Produkt Datenblatt**

<b>Part Number</b>	<b>3478.53.1515.403</b>	<b>Teilenummer</b>
<b>Description</b>	<b>p.c.b. mount plug</b>	<b>Beschreibung</b>
		
<b>Design according to</b>	<b>DIN 41626 part2 (Type HF5)</b>	<b>Ausführung nach</b>

**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				Rückflusdämpfung	
	1 GHz	> 26	[dB]		
	2 GHz	> 23	[dB]		
	4 GHz	> 22	[dB]		
	6 GHz	> 22	[dB]		
	10 GHz	> 22	[dB]		
Insulation resistance		1	[GΩ]	Isolationswiderstand	
Contact resistance				Kontakt-Widerstand	
	Centre contact	≤ 10	[mΩ]	Innenkontakt	
	Outer contact	≤ 3	[mΩ]	Außenkontakt	
Contact current max. (DC)		1,5	[A] DC	Kontakt-Strombelastbarkeit max (DC)	
Operating voltage		≥ 250	[V] DC	Betriebsspannung	
Proof voltage		750	[V] eff	Prüfspannung	

**Mechanical characteristics / Mechanische Eigenschaften**

		Value/ Wert	Unit/Einheit		
Engagement force		max. 10	[N]	Steckkraft	
Separating force		min. 1	[N]	Ziehkraft	
Mating cycles		> 500		Steckzyklen	

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<b>Part Number</b>	<b>3478.53.1515.403</b>	<b>Teilenummer</b>
<b>Description</b>	<b>p.c.b. mount plug</b>	<b>Beschreibung</b>

**Material & plating / Material & Oberfläche**

	RoHS (2002/95/EC) conform		
	Material/Material	Plating/Oberflächen	
Spring basket	Copper berylium	Ni-P + 0,15µm Au	Federkorb
Centre contact	Brass	Ni-P + 0,15µm Au	Innenkontakt
Insulator	PTFE	-	Isolator
Clip ring	PAI	-	Haltering
Housing	Brass	Ni-P + 0,15µm Au	Gehäuse

**Environmental influences / Umwelteinflüsse**

Operating temperature range	-55°C up to +125°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-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 17.04.14