

Product Data Sheet / Produkt Datenblatt

Part Number	5351.VDZ.2018.205	Teilenummer
Description	4.3-10 - Flanschbuchse 4.3-10 - Flange mount jack	Beschreibung
		
Design according to	IEC-61169-54	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				Rückflusdämpfung	
	1 GHz	>40	[dB]		
	2 GHz	>40	[dB]		
	4 GHz	>33	[dB]		
	6 GHz	>27	[dB]		
	10 GHz	>20	[dB]		
3rd. Order PIM product 2x43dBm	at 1870MHz	>168	[dBc]	PIM Produkt 3. Ordnung	
Insulation resistance		>5	[GΩ]	Isolationswiderstand	
Contact resistance				Kontakt-Widerstand	
Centre contact		<1	[mΩ]	Innenkontakt	
Outer contact		<0,25	[mΩ]	Außenkontakt	
Contact current max. (DC)		4	[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		
Mating cycles		> 100		Steckzyklen	
Centre contact retention force		> 30	[N]	Haltekräft Innenleiter	
Centre contact detent torque		> 3	[Ncm]	Haltemoment Innenleiter	
Recommended coupling torque		5	[Nm]	Empfohlenes Anzugsmoment	

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Material & plating / Material & Oberfläche

RoHS (2002/95/EC) conform			
	Material/Material	Plating/Oberflächen	
Outer contact	Copper berylium	min. 2µm Cu + min. 3µm Ag	Außenkontakt
Centre contact	Copper berylium	min. 2µm Cu + min. 3µm Ag	Innenkontakt
Housing	Brass	Cu + 2-4µm CuZnSn	Gehäuse
Insulator	PTFE	-	Isolator

Environmental influences / Umwelteinflüsse

Operating temperature range	-55°C up to +90°C	Betriebstemperaturbereich
	Standard	
Thermal shock	IEC 60169-1, Sub-clause 16.4	Thermischer Schock
Corrosion resistance	ISO 21207 method B	Korrosionsbeständig
Vibration	IEC 61169-1 9.3.3 and IEC 60068-2-64	Vibration
Shock	IEC 61169-1 9.3.14	Schock
Degree of protection (mated pair)	IEC 60529, IP68 1h / 25m	Schutzart (gesteckte Paarung)

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 17.04.2014