

IMS Product Specification/ Product Data Sheet

Part Number	5639.VDZ.2810.075	Teilenummer
Description	4.3/10(f)-Kabelbuchse 4.3/10(f)-cable 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		6	[GHz]	Betriebsfrequenz bis zu	
Return loss				Rückflussdämpfung	
measured with cable typ: Flexiform 141-50				gemessen mit Kabel Typ: Flexiform 141-50	
	1 GHz	> 32	[dB]		
	2 GHz	> 30	[dB]		
	3 GHz	> 28	[dB]		
	4 GHz	> 22	[dB]		
	6 Ghz	> 20	[dB]		
3rd. Order PIM product 2x43dBm	at 1870MHz	160	[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]RMS	Betriebsspannung	
Proof voltage		1000	[V]RMS	Prüfspannung	
		Value/ Wert	Unit/ Einheit		
Mating cycles		> 50		Steckzyklen	
Centre contact retention force		1,5-20	[N]	Haltekraft Innenleiter	
Outer contact retention force		4-35	[N]	Haltekraft Aussenleiter	
Max. tightening torque M4 screw	with 8.8 screw	3,3	[Nm]	Max. Anzugsmoment M4 Schraube	

Date/Generated: 2020.09.22 Pölz

Revision a

Date/Approved: 2020.11.06 Halmosi

IMS Product Specification/ Product Data Sheet

Part Number	5639.VDZ.2810.075	Teilenummer
Description	4.3/10(f)-Kabelbuchse 4.3/10(f)-cable mount jack	Beschreibung

Material & plating / Material & Oberfläche

RoHS (2011/65/EU) conform			
	Material/Material	Plating/Oberflächen	
Spring basket	Brass	min. 2µm Cu + min. 3µm Ag	Federkorb
Centre contact	Brass	min. 2µm Cu + min. 5µm Ag	Innenbuchse
Housing	Brass	min. 2µm Cu + min. 2µm CuZnSn	Gehäuse
Insulator	PTFE	-	Isolator
	-		
	-		

Environmental influences / Umwelteinflüsse

Operating temperature range	-40°C up to +85°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

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.

Date/Generated: 2020.09.22 Pölz	Revision	a
Date/Approved: 2020.11.06 Halmosi		