

**Product Data Sheet / Produkt Datenblatt**

<b>Part Number</b>	<b>5424.VDZ.2818.074</b>	<b>Teilenummer</b>
<b>Description</b>	<b>4.3/10-Flanschbuchse 4.3/10-Flange mount cable jack</b>	<b>Beschreibung</b>
		
<b>Design according to</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		7,5	[GHz]	Betriebsfrequenz bis zu
Return loss				Rückflusdämpfung
	1 GHz	>40	[dB]	
	2 GHz	>40	[dB]	
	3 GHz	>32	[dB]	
	4 GHz	>30	[dB]	
	6 GHz	>26	[dB]	
	7,5 GHz	>15	[dB]	
3rd. Order PIM product 2x43dBm	at 1870MHz	165	[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

**Mechanical characteristics / Mechanische Eigenschaften**

		Value/ Wert	Unit/Einheit	
Centre contact retention force		> 30	[N]	Haltekraft Innenleiter
Mating cycles		> 100		Steckzyklen
Recommended coupling torque		5	[Nm]	Empfohlenes Anzugsmoment

**Product Data Sheet / Produkt Datenblatt**

<b>Part Number</b>	<b>5424.VDZ.2818.074</b>	<b>Teilenummer</b>
<b>Description</b>	<b>4.3/10-Flanschbuchse 4.3/10-Flange mount cable jack</b>	<b>Beschreibung</b>

**Material & plating / Material & Oberfläche**

RoHS (2002/95/EC) conform			
	Material/Material	Plating/Oberflächen	
Outer contact	Brass	5-8 µm Cu + 3-6 µm Ag	Außenkontakt
Centre contact	Copper beryllium	min. 2µm Cu + 5-8µm Ag	Innenkontakt
Spring basket	Brass	min. 3µm Cu + 3-6µm Ag	Federkorb
Pre-formed solder part	SAC305	Flux: RS4	Formlötteil
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.

**Update History**

Rev.	Date	Signature	Alteration
a	2017.09.26	mcsenki	Plating corrected

Formblatt-Nr.: Form-TK-013b	
Rev.	04
Released	17.ápr.14