

Product Data Sheet / Produkt Datenblatt

Part Number

4292.23.2415.425

Teilenummer

Description

Cable mount jack

Beschreibung



Design according to

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		1	[GHz]	Betriebsfrequenz bis zu
RF-cable type	RG 316			HF-Kabel typ
Return loss	1 GHz	> 19	[dB]	Rückflusdämpfung
Insulation resistance		> 1	[GΩ]	Isolationswiderstand
Contact resistance				Kontakt-Widerstand
Centre contact		≤ 6	[mΩ]	Innenkontakt
Outer contact		≤ 3	[mΩ]	Außenkontakt
Contact current max. (DC)		1,4	[A] DC	Kontakt-Strombelastbarkeit max (DC)
Operating voltage		≥ 500	[V] DC	Betriebsspannung
Proof voltage		750	[V] eff	Prüfspannung

Mechanical characteristics / Mechanische Eigenschaften

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

Product Data Sheet / Produkt Datenblatt

Part Number	4292.23.2415.425	Teilenummer
Description	Cable mount jack	Beschreibung

Material & plating / Material & Oberfläche

General: No magnetic nickel allowed in any of the materials.	RoHS (2002/95/EC) conform		Allgemein: Kein magnetisch Nickel in den verwendeten material erlaubt.
	Material/Material	Plating/Oberflächen	
Housing	Brass	Cu + 2-4µm CuZnSn + 1,3µm Au	Gehäuse
Centre contact	Copper beryllium	Cu + 2-4µm CuZnSn + 0,2µm Au	Innenkontakt
Other metal parts	Brass	Cu + 2-4µm CuZnSn + 1,3µm Au	Sonstige Metallteile
Clip ring	PEI	-	Haltering
Insulator	PTFE	-	Isolator

Environmental influences / Umwelteinflüsse

Operating temperature range	-55°C up to +125°C Standard	Betriebstemperaturbereich
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