

Product Data Sheet / Produkt Datenblatt

Part Number	098.24.1115.401	Teilenummer
Description	Hochstromstecker high power insert male	Beschreibung
		
Design according to	DIN 41626 part 1	Ausführung nach

Electrical characteristics / Elektrische Eigenschaften

		colored value means: under validation		
		Value/Wert	Unit/Einheit	
Impedance (MIL-C-39012B)			[Ω]	Impedanz (MIL-C-39012B)
Operating frequency up to		DC	[GHz]	Betriebsfrequenz bis zu
Return loss			[dB]	Rückflusdämpfung
			[dB]	
			[dB]	
Insulation resistance			[GΩ]	Isolationswiderstand
Contact resistance		<1	[mΩ]	Kontakt-Widerstand
			[mΩ]	
			[mΩ]	
Contact current max. (DC)		40	[A] DC	Kontakt-Strombelastbarkeit max (DC)
Operating voltage			[V] DC	Betriebsspannung
Proof voltage			[V] eff	Prüfspannung

Mechanical characteristics / Mechanische Eigenschaften

		Value/ Wert	Unit/Einheit	
Engagement force		max. 10	[N]	Steckkraft
Separating force		min. 4	[N]	Ziehkraft
Mating cycles		≥ 500		Steckzyklen
Water resistance				Wasserbeständigkeit

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Material & plating / Material & Oberfläche

	RoHS (2002/95/EC) conform		
	Material/Material	Plating/Oberflächen	
Plug body	Brass	Cu + Ni + 0,8µm Au	Steckerkörper
Clip ring	Bronze	Cu + min. 3µm Ni	Halteclip
		-	

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	JEDEC J-STS-020E	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 2014.04.17