

Product Data Sheet / Produkt Datenblatt

Part Number

7887.NEX.2018.195

Teilenummer

Description

NEX10 flange jack

Beschreibung



Design according to

RT-NEX10

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		...13	[GHz]	Betriebsfrequenz bis zu
Return loss	measured with cable type:			gemessen mit Kabel Typ: Rückflussdämpfung
	@ DC to 4 GHz	≥36	[dB]	
	@ 4 to 6 GHz	≥32	[dB]	
	@ 6 to 13 GHz	≥25	[dB]	
Insertion loss		≤0.05x √ f[GHz]	[dB]	
RF-leakage	@DC to 6 GHz	≥90	[dB]	
Insulation resistance		≥5	[GΩ]	Isolationswiderstand
Power handling	at 2GHz and 85°C	100	[W]DC	Kontakt-Widerstand
	at 2GHz and 105°C	50	[W]DC	Innenkontakt
Proof voltage		500	[V]eff	

Mechanical characteristics / Mechanische Eigenschaften

		Value/ Wert	Unit/ Einheit	
Mating cycles		≥100		Steckzyklen
Recommended torque		1.5	[Nm]	Empfohlenes Anzugsmoment
Axial retention force of inner conductor		≥27		

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Material & plating / Material & Oberfläche

RoHS (2011/65/EU) conform			
	Material/Material	Plating/Oberflächen	
Housing	Brass	Cu + 2~4µm Sn/Ni	Außenkontakt
Centre contact	Beryllium Copper	min.3 µm Cu + 3-6µm Ag	Innenkontakt
Insulator	PTFE	-	Isolator

Environmental influences

Umwelteinflüsse

Operating temperature range	-55°C up to +125°C	Betriebstemperaturbereich
Shock	IEC 61169-1 9.3.14	Schock
Thermal shock	IEC 61169-1 9.4.4.	Thermoschock
Vibration	IEC 61169-1 9.3.3 and I EC 60068-2-64	Vibration
RoHS	compliant	RoHS

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.

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Revision

A01

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