

Product Data Sheet / Produkt Datenblatt

Part Number	7712.NEX.2018.19Z	Teilenummer
Description	NEX10 flange mount 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		...20	[GHz]	Betriebsfrequenz bis zu	
Return loss	measured with cable type:			gemessen mit Kabel Typ:	Rückflussdämpfung
	@ DC to 6 GHz	≥30	[dB]		
Insertion loss		≤0.05x √ f[GHz]	[dB]		
Contact resistance				Kontakt-Widerstand	
Centre contact		≤2	[mΩ]	Innenkontakt	
Outer contact		≤1	[mΩ]	Außenkontakt	
Insulation resistance		≥5	[GΩ]	Isolationswiderstand	
Power handing	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			
Water resistance	(mated pair)	IP68 24h/1m		Wasserbeständigkeit (gestecktes Paar)	

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Material & plating / Material & Oberfläche

RoHS (2011/65/EU) conform			
	Material/Material	Plating/Oberflächen	
Housing	Brass	Cu + 2~4µm CuZnSn	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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