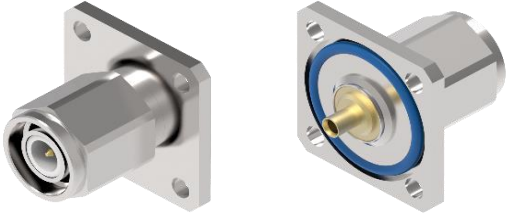


Product Data Sheet / Produkt Datenblatt

Part Number	2197.02.1118.766	Teilenummer
Description	TNC (m) - Cable mount plug	Beschreibung
		
Design according to	IEC 169-17 (Type TNC)	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		4	[GHz]	Betriebsfrequenz bis zu
Return loss				Rückflusdämpfung
measured with UT 85 cable type	1 GHz	> 27	[dB]	mit UT 85 Kabeltyp gemessen
	2 GHz	> 26	[dB]	
	4 GHz	> 18	[dB]	
Insulation resistance		> 5	[GΩ]	Isolationswiderstand
Contact resistance				Kontakt-Widerstand
Centre contact		≤ 2,5	[mΩ]	Innenkontakt
Outer contact		≤ 1	[mΩ]	Außenkontakt
Contact current max. (DC)		1,2	[A] DC	Kontakt-Strombelastbarkeit max (DC)
Operating voltage		≥ 500	[V] DC	Betriebsspannung
Proof voltage		1000	[V] eff	Prüfspannung

Mechanical characteristics / Mechanische Eigenschaften

		Value/ Wert	Unit/Einheit	
Engagment force			[N]	Steckkraft
Separating force			[N]	Ziehkraft
Mating cycles		> 500		Steckzyklen
Coupling nut torque		0,46-0,69	[Nm]	Kupplungsdrehmoment

Product Data Sheet / Produkt Datenblatt

Part Number	2197.02.1118.766	Teilenummer
Description	TNC (m) - Cable mount plug	Beschreibung

Material & plating / Material & Oberfläche

	RoHS (2002/95/EC) conform		
	Material/Material	Plating/Oberflächen	
Housing	Stainless steel	Passivated	Gehäuse
Coupling nut	Stainless steel	Passivated	Überwurfmutter
Contact socket	Copper beryllium	Ni + 1,3µm Au	Innenbuchse
Connecting piece	Brass	Cu + Ni + 0,8µm Au	Anschlussstück
Contact pin	Brass	Cu + Ni + 0,2µm Au	Kontaktstift
Insulator	PTFE	-	Isolierung
O-ring	Silicone	-	Dichtring

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		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