

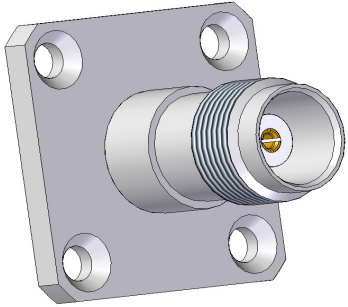
PRODUCT DATA SHEET

Part Number: 4659.02.2118.766

Description: TNC-Flanschbuchse

Design according to: IEC 169-17 (Type TNC)

Electrical characteristics:

	Value	Unit	Picture
Operating frequency up to	4	[GHz]	
Impedance (MIL - C -39012B)	50	[Ω]	
Return loss measured with cable typ:	UT-85	-	
1 GHz	> 27	[dB]	
2 GHz	> 24	[dB]	
4 GHz	> 15	[dB]	
Insulation resistance	≥ 5	[GΩ]	
Contact resistance			
Centre contact	≤ 2,5	[mΩ]	
Outer contact	≤ 1	[mΩ]	
Contact current max. (DC)	1,2	[A]	
Operating voltage	< 335	[Veff]	
Proof voltage	1000	[Veff]	
		[W]	Remarks

Mechanical characteristics:

	Value	Unit	Remarks
Coupling torque	0,46-0,69	[Nm]	
Mating cycles	> 500		

PRODUCT DATA SHEET

Part Number: 4659.02.2118.766
Description: TNC-Flanschbuchse

Material & plating:

	RoHS (2002/95/EC) conform	
	Material	Plating
Housing	Stainless steel	passivated
Centre contact	Copper beryllium	Ni-P + 0,15µm Au
Center pin	Brass	Cu + Ni + 0,2µm Au
Connecting piece	Brass	Cu + Ni + 0,8µm Au
Insulator	PTFE	-
Gasket	Fluorsilikon 70 Shore	-

Environmental influences:

Operating temperature range	-55°C up to +125C Standard	Remarks
Climatic sequence: 1. Dry heat 2. Damp heat, cyclic, 1 cycle 3. Cold 4. Damp heat, cyclic, 6 cycles	IEC 60068-2-61 IEC 60068-2-2-Ba IEC 60068-2-30-Db IEC 60068-2-1-Aa IEC 60068-2-30-Db	
Solder profile:	-	

Notes

Update History

Rev.	Date	Alteration	Signature
a	06.02.2013	Part updated	Fabiankovits

Formblatt-Nr.: Form-TK-012b	
Rev.	02
Released	21.06.2013