

Product Data Sheet / Produkt Datenblatt

Part Number	5211.VDZ.7910.005	Teilenummer
Description	4.3/10(m)-7/16(m)-Adapter 4.3/10(m)-7/16(m)-Adapter	Beschreibung
		
Design according to	IEC-169-54 / IEC-169-4	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		...7,5	[GHz]	Betriebsfrequenz bis zu
Return loss	measured with cable typ:			gemessen mit Kabel Typ: Rückflusdämpfung
	1 GHz	>40	[dB]	
	2 GHz	32	[dB]	
	4 GHz	30	[dB]	
	6 GHz	26	[dB]	
	7,5 GHz	26	[dB]	
3rd. Order PIM product 2x43dBm	at 1870MHz	168	[dBc]	PIM Produkt 3. Ordnung
Insulation resistance		5	[GΩ]	Isolationswiderstand
Contact resistance				Kontakt-Widerstand
Centre contact		≤1mΩ 4.3-10; ≤0,4mΩ 7/16	[mΩ]	Innenkontakt
Outer contact		≤0,25mΩ 4.3-10; ≤1,5mΩ 7/16	[mΩ]	Außenkontakt
Contact current max. (DC)		15	[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	
Mating cycles		≥100 4.3-10; min.500 7/16		Steckzyklen
Center contact captivation: axial		≥30 4.3-10; ≥200 7/16	[N]	Innenkontakt Arretierung: axial
radial		>5 4.3-10; ≥2 7/16	[Ncm]	radial
Center contact retention force		1,5 - 20	[N]	Innenkontakt Haltekraft
Recommended torque		5 4.3-10; 25 -30 7/16	[Nm]	Empfohlenes Drehmoment

