

Product Data Sheet / Produkt Datenblatt

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Part Number	5628.MCAH.2X10.CY7	Teilenummer
Description	MCAH Kabelbuchse 4-pol gerade MCAH cable jack 4-pole straight	Beschreibung
<i>Preliminary</i>		<i>Vorläufig</i>
Design according to	view coding A	Ausführung nach

Electrical characteristics / Elektrische Eigenschaften

colored value means: under validation				
		Value/Wert	Unit/Einheit	
Impedance (MIL-C-39012B)		50 ±10	[W]	Impedanz (MIL-C-39012B)
Operating frequency typical application		DC to 9	[GHz]	Betriebsfrequenz typische Anwendung
Return loss	DC to 1 GHz	≤ -23	[dB]	Rückflussdämpfung
	1 to 3 GHz	≤ -23 +3dB/GHz	[dB]	
	3 to 5.5 GHz	≤ 0-17	[dB]	
	5.5 to 6.5 GHz	≤ -17 +5dB/GHz	[dB]	
	6.5 to 8 GHz	≤ -12	[dB]	
	8 to 9 GHz	≤ -12 +3dB/GHz	[dB]	
Shielding Effectiveness	DC to 2 GHz	≥ 62	[dB]	Schirmungseffizienz
	2 to 5 GHz	≥ 55	[dB]	
	5 to 9 GHz	≥ 50	[dB]	
Insulation resistance		> 100	[MΩ]	Isolationswiderstand
Contact resistance				Kontakt-Widerstand
Centre contact	each contact	< 24	[mΩ]	Innenkontakt
Outer contact	each contact	< 10	[mΩ]	Außenkontakt
Dielectric withstanding voltage		800	[VAC/ 1minute]	Spannungsfestigkeit

Mechanical characteristics / Mechanische Eigenschaften

		Value/ Wert	Unit/Einheit	
Mating cycles		> 10	[-]	Steckzyklen
Mating force		< 75	[N]	Steckkraft
Connector latch retention force		> 120	[N]	Haltekraft Steckerverriegelung
Terminal retention		> 110	[N]	Haltekraft Terminal
Cable retention		> 110	[N]	Haltekraft Kabel
Polarization effectiveness		> 150	[N]	Wirksamkeit der Polarisation

