

Product Data Sheet / Produkt Datenblatt

Part Number

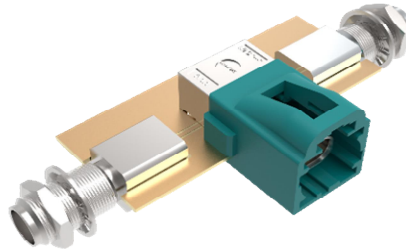
AGK-4787

Teilenummer

Description

**Measuring kit for / Mess Kit für
 5616.HTP.1X20.007**

Beschreibung



Design according to

Ausführung nach

Electrical characteristics / Elektrische Eigenschaften

		colored value means: under validation			
		Value/Wert	Unit/ Einheit		
Impedance (MIL-C-39012B)		100 ±5	[Ω]		Impedanz (MIL-C-39012B)
Operating frequency		10	[GHz]		Betriebsfrequenz
Return loss	DC-1 GHz	- 30	[dB]		Rückflusdämpfung
	1-4 GHz	- 21	[dB]		
	4-6 GHz	- 20	[dB]		
	6-10 GHz	- 12	[dB]		
Insertion Loss	DC-1 GHz	≤ 0,25	[dB]		Einfügedämpfung
	1-10 GHz	m0,5	[dB]		
Shielding Effectiveness	DC-1 GHz	- 75	[dB]		Schirmungseffizienz
	1-4 GHz	- 70	[dB]		
	4-10 GHz	- 60	[dB]		
Data rate		20	Gbit / sec.]		Datenrate
Insulation resistance		1	[GΩ]		Isolationswiderstand
Contact resistance					Kontakt-Widerstand
Centre contact		15,0	[mΩ]		Innenkontakt
Outer contact		7,5	[mΩ]		Außenkontakt
Operating voltage		max.60	[V] DC		Betriebsspannung
Proof voltage		500	[V] eff		Prüfspannung

Mechanical characteristics / Mechanische Eigenschaften

		Value/ Wert	Unit/ Einheit	
Mating cycles		- 25	[-]	Steckzyklen
Mating force		max. 30	[N]	Steckkraft
Unmating force		max. 25	[N]	Trennkraft
Retention force locked systems		min. 120	[N]	Haltekraft Steckerverriegelung

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Material & plating / Material & Oberfläche

	Material/Material	Plating/Oberflächen	
Plastic-Housing	PAGF30	-	Kunststoffgehäuse
Outer Contact	Diecast	Sn	Außenkontakt
Center contact	Brass/Bronze	Au	Innenkontakt
Insulator	SPS	-	Isolator
PCB	Rogers 4003 0.6mm		Leiterplatte

Environmental influences

Umwelteinflüsse

Temperature range	-40°C up to +125°C	Temperaturbereich
Vibration	MIL-STD-202 Meth. 204, cond.B	Vibration
Corrosion resistance	MIL-STD-202 Meth. 101, cond.D	Korrosionsbeständigkeit
Climatic categorie	IC 60068 65/85/21	Klimakategorie
Shock	MIL-STD-202 Meth. 213, cond. G	Schock
Max. soldering temp. (PCB connectors)	IEC 61760-1, +260°C for 10 sec.	Max. Löttemp. (Leiterplattenanschlüsse)
RoHS		RoHS
Solder profile		Lötprofil

Notes

Aufzeichnungen

* Higher cross talk performance can be achieved with certain precautions

** Connector performance strongly depends on PCB type and layout