

Product Data Sheet / Produkt Datenblatt

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Part Number

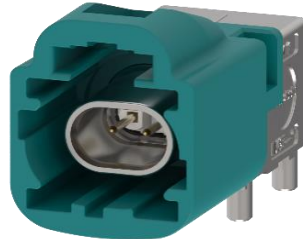
5572.HTP.1X20.007

Teilenummer

Description

**Anbauwinkelstecker
p.c.b. mount angle plug**

Beschreibung



Design according to

view coding Z

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 up to		18	[GHz]	Betriebsfrequenz bis zu
Return loss*	DC - 2 GHz	≥ 30	[dB]	Rückflusdämpfung*
	2 - 4 GHz	≥ 28	[dB]	
	4 - 6 GHz	≥ 25	[dB]	
	6 - 10 GHz	≥ 19	[dB]	
Insertion Loss	DC - 2 GHz	≤ 0,2	[dB]	Einfügedämpfung
	2 - 4 GHz	≤ 0,4	[dB]	
	4 - 6 GHz	≤ 0,6	[dB]	
	6 - 10 GHz	≤ 1,2	[dB]	
Shielding Effectiveness	DC - 1GHz	≥ 50	[dB]	Schirmungseffizienz
	1 - 3 GHz	≥ 50	[dB]	
	3 - 6 GHz	≥ 45	[dB]	
	6 - 9 GHz	≥ 40	[dB]	
Data rate		20	[Gbit/sec.]	Datenrate
Insulation resistance		≥ 1	[GΩ]	Isolationswiderstand
Contact resistance				Kontakt-Widerstand
	Centre contact	≤ 15	[mΩ]	
	Outer contact	≤ 7,5	[mΩ]	
Operating voltage		≤ 60	[V] DC	Betriebsspannung
Proof voltage		500	[Vms]	Prüfspannung

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Mechanical characteristics / Mechanische Eigenschaften

		Value/ Wert	Unit/ Einheit	
Engagement force		≤ 30	[N]	Steckkraft
Separating force		≤ 25	[N]	Ziehkraft
Mating cycles		≥ 25	[-]	Steckzyklen
Retention force locked system		≥ 120	[N]	Haltekraft Steckerverriegelung

Material & plating / Material & Oberfläche

	Material/Material	Plating/Oberflächen	
Outer contact	Diecast	min. 2 µm Sn over Ni	Außenkontakt
Centre contact	Brass / Bronze	min. 0,12 µm Au over Ni	Innenkontakt
Plastic housing	PA-GF30	-	Kunststoffgehäuse
Insulator	LCP	-	Isolator

Environmental influences*

Umwelteinflüsse*

Temperature range	-40°C < T < +105°C	Temperaturbereich
Mechanical shock	IEC 60068-2-27	Mechanischer Schock
Vibration	IEC 60068-2-64 Severity 1	Vibration
Thermal change	IEC 60068-2-14	Temperaturwechsel
Damp heat, cyclic	IEC 60068-2-30	Feuchte Wärme, zyklisch
Dry heat	IEC 60068-2-2 (+105°C)	Trockene Wärme
RoHS	compliant	RoHS
Solder profile	according to JEDEC 020	Lötprofil

Notes

Aufzeichnungen

* Connector performance strongly depends on PCB type and layout

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.

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