



Datasheet for part number KPTC6E12-10S-C-DZ

Our Catalog Part Number: KPTC6E12-10S-C-DZ
Our Global Manufacturing Part Number: 121659-5102
Brand: Cannon Product Category: Circular Product Line: 26482 - Style Series I & Mil Battery Series: KPTC

Product Datasheet	
Shell Style	Straight plug
Endbell Style	Endbell for shielding braids and shrink boots
Gender	Socket
Shell Size	12
Contact Arrangement	12-10
Number of contacts	10 contacts size 20
Contact Type	delivery without contacts - please order contacts separately
Contact Plating	Size 12 & 16: gold plated Size 20: Contact body: tin / Contact area: gold plated
Shell Material	Aluminium alloy
Shell Plating	Nickel
Insulator and Gromet Material	Polychloroprene
Contact Material	Copper alloy
Water Tightness	Acc. To VG95319 Part 2, Test No. 5.9.2
Operating Temperature	-55°/+125°C (-67/257°F)
Mating Cycles	500 min
Vibration	200 m/s ² at 10 to 2000 Hz
Contact Rating AWG20	7,5 A
Insulator Resistance	≈5000 MOhm
Test Voltage	1500 Vrms
Operating Voltage	In case of voltages greater than 50V the connector must be used in accordance with DIN VDE part 410, IEC 60364-4-41.
Safety Provisions	IP67 acc. to DIN 40 050 (0,2 bar pressure over 48 hrs)
General Info	<i>All tests in accordance with VG95319 and/or if applicable with VG95210</i>
Harnessing Info: Contact Cross-Section	See assembly instruction
Harnessing Info: Insulator Diameter	See assembly instruction