



## **Excellent Integrated System Limited**

Stocking Distributor

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[ITT Cannon, LLC](#)  
[KPTC6F18-32SDMA](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



Datasheet for part number KPTC6F18-32SDMA

Our Catalog Part Number: KPTC6F18-32S-D-MA
Our Global Manufacturing Part Number: 121659-5353
Brand: Cannon Product Category: Circular Product Line: MIL-DTL 26482 Series I & Mil Battery Series: KPTC

Product Datasheet	
Shell Style	Straight plug
Endbell Style	Grommet seal with strain relief
Gender	Socket
Shell Size	18
Contact Arrangement	18-32
Number of contacts	32 contacts size 20
Contact Type	Solder contacts (assembled)
Contact Plating	Hard gold
Shell Material	Aluminium alloy
Shell Plating	Olive drab chromate over cadmium plating
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 <sup>2</sup> 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	<a href="#">See assembly instruction</a>
Harnessing Info: Insulator Diameter	<a href="#">See assembly instruction</a>