



**Distributor of ITT Cannon, LLC: Excellent Integrated System Limited**

Datasheet of KPT08F18-32SW - KPT 32C 32#20 SKT PLUG

Contact us: [sales@integrated-circuit.com](mailto:sales@integrated-circuit.com) Website: [www.integrated-circuit.com](http://www.integrated-circuit.com)

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## **Excellent Integrated System Limited**

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[ITT Cannon, LLC](#)  
[KPT08F18-32SW](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



Datasheet for part number KPT08F18-32SW

Our Catalog Part Number: KPT08F1832SW
Brand: Cannon Product Category: Circular Product Line: MIL-DTL 26482 Series I & Mil Battery Series: KPT / SE

Product Datasheet	
Shell Style	Plug with 90° termination
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 Cup
Contact Plating	Copper alloy, gold plated
Insulator Rotation	85°
Shell Material	Aluminium alloy
Shell Plating	Olive drab chromate over cadmium plating
Insulator and Gromet Material	Polychloroprene
Contact Material	Copper alloy, gold plated
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>