



Datasheet for part number KPTC6F10-6SCMB

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| Our Catalog Part Number: KPTC6F10-6S-C-MB |
| 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 | 10 |
| Contact Arrangement | 10-6 |
| Number of contacts | 6 contacts size 20 |
| Contact Type | Crimp contacts (not assembled - packed separately) |
| Contact Plating | Hard gold |
| 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 |