# Datasheet for part number KPT7A22-21PXEX

| Our Catalog Part Number: KPT7A2221PXEX |
|---|
| Brand: Cannon Product Category: Circular Product Line: MIL-DTL 26482 Series I & Mil Battery Series: KPT |

| Product Datasheet | |
|---|---|
| Shell Style | Jam nut receptacle |
| Endbell Style | General duty |
| Gender | Pin |
| Shell Size | 22 |
| Contact Arrangement | 22-21 |
| Number of contacts | 21 contacts size 16 |
| Contact Type | Solder Pin 0.76 x 7 mm |
| Contact Plating | Copper alloy, gold plated |
| Insulator Rotation | 135° |
| 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<br>(-67/257°F) |
| Mating Cycles | 500 min |
| Vibration | 200 m/s² at 10 to 2000 Hz |
| Contact Rating AWG16 | 13,0 A |
| Insulator Resistance | ≈5000 MOhm |
| Test Voltage | 2300 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<br>(0,2 bar pressure over 48 hrs) |
| General Info | *All tests in accordance with VG95319 and/or if applicable with VG95210* |
| Harnessing Info: Contact Cross-Section | See assembly instruction |
| Harnessing Info: Insulator Diameter | See assembly instruction |

Specifications and dimensions subject to change.