



Datasheet for part number KPT7A18-32PYEW

|  |
|--|
| Our Catalog Part Number: KPT7A18-32PY-EW   |
| Brand: Cannon Product Category: Circular Product Line: MIL-DTL 26482 Series I & Mil Battery Series: KPT / SE |

| Product Datasheet                      |  |
|--|--|
| Shell Style                            | Jam nut receptacle   |
| Endbell Style                          | General duty   |
| Gender                                 | Pin  |
| Shell Size                             | 18   |
| Contact Arrangement                    | 18-32  |
| Number of contacts                     | 32 contacts size 20  |
| Contact Type                           | Solder Pin 0.6 x 7 mm  |
| Contact Plating                        | Copper alloy, gold plated  |
| Insulator Rotation                     | 222°   |
| 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/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<br>(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>   |