Materials

- 1. C3604 brass, nickel plated
- 2. C2680 brass, nickel plated
- 3. C2680 brass, nickel plated
- 4. C3604 brass, nickel plated
- 5. POM, white
- 6. SK4 steel, nickel plated

Electrical requirements

Dielectric strength: 1 min @ 500 Vac and 2mA Insulation resistance: 100 M Ω @ 100 Vdc Contact resistance: 50 m Ω or less

Mechanical requirements

Durability: 5000 mating cycles while maintaining normal operation and $< 50 \text{m}\Omega$

Bending strength: $\geq 1.5 \text{ kg}$ Breaking strength: $\geq 3.0 \text{ kg}$

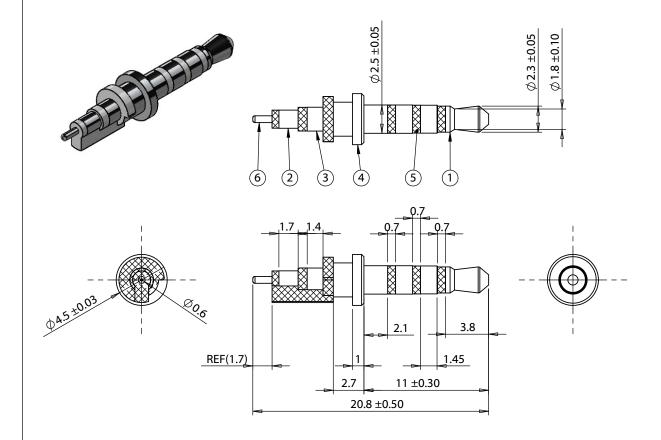
Environmental tests

Salt spray test: 5% NaCl spray at 1ml/80cm²/h, chamber temp 46.5°C, spray temp 35°C, 87% humidity, 48 hours. No oxidation.

Cold resistance: -25°C±3 for 2 hours with no degradation. Heat resistance: 85°C±3 for 2 hours with no degradation.

Operating range

-30 to 85 °C



VERIFIED: Function test: no open, no short circuit, no INT DIMENSIONS ARE IN MILLIMETERS	Bend, OR 97 tel 541.323.	ckeye Place #130 97701 USA 3.3228 <i>fax</i> 541.3	222 4202
MILLIMETERS	<i>800</i> 877.670	70.7118 www.ten	
DESCRIPTION: TOLERANCES: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm X.XX: ± 0.05 mm		T NUMBER -00407 WEIGHT:	SHEET 1 OF 1

5 4 2