Materials

1. C3604 brass, nickel plated

- 2. C2680 brass, nickel plated
- 2. C3604 brass, nickel plated
- 3. POM, white

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 $< 50m\Omega$ Bending strength: ≥ 1.5 kg Breaking strength: ≥ 3.0 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: $-25^{\circ}C\pm3$ for 2 hours with no degradation. Heat resistance: $85^{\circ}C\pm3$ for 2 hours with no degradation.

Operating range -30 to 85 °C

REVISION DATE

3/6/14

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-30 to 85 C



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DESCRIPTION

Initial release