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 MΩ @ 100 Vdc Contact resistance: $50 \text{ m}\Omega$ or less

Mechanical requirements

Durability: 5000 mating cycles while maintaining normal operation and $< 50 \text{m}\tilde{\Omega}$ Bending strength: ≥ 1.5 kg Breaking strength: ≥ 3.0 kg

Environmental tests

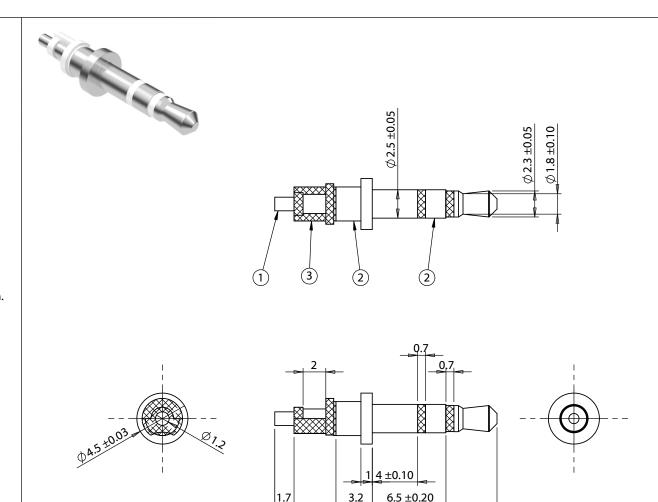
Salt spray test: 5% NaCl spray at 1ml/80cm²/h, chamber temp 46.5°C, spray temp 35°C, 87% humidity, 48 hours. No oxidation.

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

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Operating range

-30 to 85 ℃



19.6 ±0.50

Revision:	Date:	Description:	Prepared:	Notes:			
A	3/6/14	Initial release		RoHS compliant Function test: no open, no short circuit, no intermittent	TENS 1.541.323.3228 80 fax 1.541.323.4202 we		
			Dimensions are in millimeters. Tolerances: X: ± 0.3 mm				
				Description: Connector, stereo plug, 2.5xL19.6 mm, brass, nickel plated, white, molding style			
			X.X: ± 0.1 mm X.XX: ± 0.05 mm		Scale:	3:1	

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