

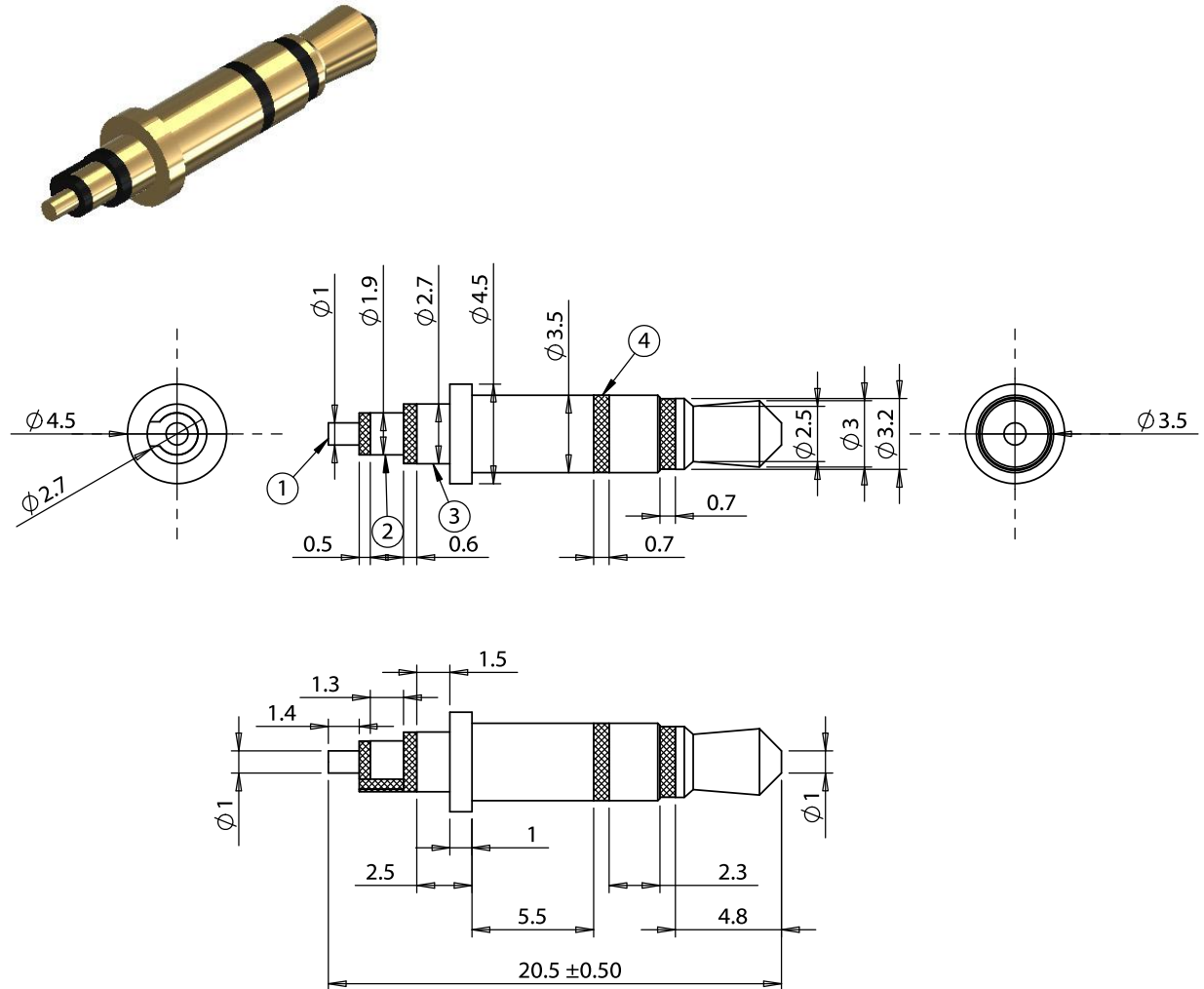
1. Tip, C3604 brass, gold plated
2. Ring, C2680 brass, gold plated
3. Sleeve, C3604 brass, gold plated
4. Insulator, POM, black

Dielectric strength: 1 min @ 500 Vac and 2mA
Insulation resistance: 100 MΩ @ 500 Vdc
Contact resistance: 50 mΩ or less

Durability: 5000 mating cycles while maintaining normal operation and $< 50\text{m}\Omega$
 Bending strength: $\geq 3.2\text{ kg}$
 Breaking strength: $\geq 6.8\text{ kg}$

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.

Operating range
-30 to 85 °C



REVISION	DATE	DESCRIPTION	PREPARED	NOTES	<div>TENSILITY</div> <div>20802 Sockeye Place #130 Bend, OR 97701 USA tel 541.323.3228 fax 541.323.4202 800 877.670.7118 www.tensility.com</div>			
A	12/08/2015	Initial release	GL 2015.12.08 13:45:37 -08'00'	RoHS compliant				
			VERIFIED AG 2015.12.08 15:29:23 -08'00'	Function test: no open, no short circuit, no intermittent				
			DIMENSIONS ARE IN MILLIMETERS					
			TOLERANCES: Up to 1.0: ± 0.1 mm 1.0 to 10.0: ± 0.2 mm Over 10.0: ± 0.3 mm	DESCRIPTION: Connector, stereo plug, 3.5xL20.5 mm, brass, gold plated, molding style	SIZE A	PART NUMBER 50-00502		
					SCALE: 5:1		WEIGHT:	SHEET 1 OF 1