

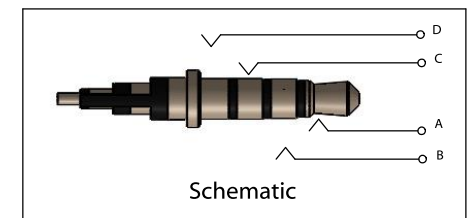
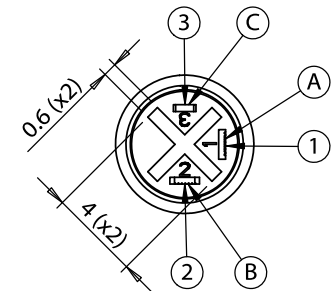
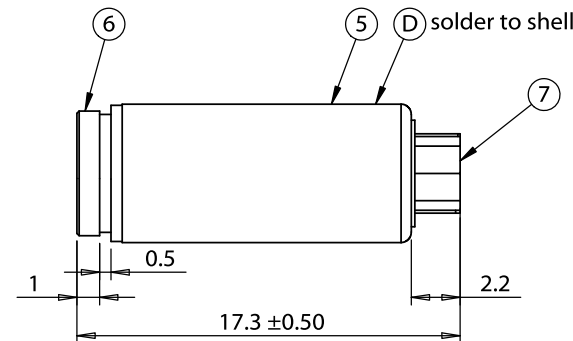
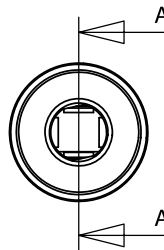
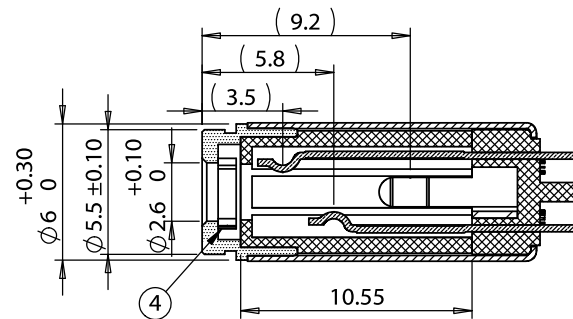
-25° to 70° C, relative humidity of 85% or less



1. Tip contact: C5191, 40μm Ni plated, 1 μm Au plated
2. Ring contact: C5191, 40μm Ni plated, 1 μm Au plated
3. Ring contact: C5191, 40μm Ni plated, 1 μm Au plated
4. Sleeve contact: C5191, 40μm Ni plated, 1 μm Au plated
5. Shell: C2700 brass, 1 μm nickel plated
6. Top head: C3603 brass, 1 μm nickel plated
7. Insulator: PBT (UL94-HB), black

Dielectric strength: 1 min @ 200 Vac
Insulation resistance: 50 MΩ @ 100 Vdc
Contact resistance: 100 mΩ or less

Insertion force: 0.4-4 kgf
Withdrawal force: 0.4-4 kgf
Life cycle: 5000 mating cycles while maintaining 0.3 kgf min.
insertion force, 0.3 kgf min. withdrawal force and less than
100 mΩ contact resistance.

Heat test: 70 °C, relative humidity 70-85% for 96 hours without deformation
Humidity test: 40 °C, relative humidity 90-100% for 96 hours without deformation
Salt spray test: 35±2 °C, relative humidity 90-95%, 5% NaCl mist for 24 hrs. Wash parts after test. Maintain mechanical requirements and a contact resistance of less than 100 mΩ.



Revision:	Date:	Description:	Prepared: GL 2016.10.13 11:19:29 -07'00'	Notes:	<div>TENSILITY</div> <div> tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com </div>		
A	9/4/2009	Initial release	Verified: PS <small>Digitally signed by PS Date: 2016.10.13 11:35:34 -07'00'</small>	RoHS compliant			
A1	6/27/2016	Modified overall dimensions	Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Function test: no open, no short circuit, no intermittent			
A2	10/13/2016	Corrected dimensioning		Description:	Size:	Part number:	
				Connector, 4C audio jack, 2.5x6.0xL17.3 mm, brass, nickel plated, molding style	A	50-00040	
					Scale: 5:1	 	Sheet 1 of 1