Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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

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

Mechanical requirements
  Durability: 5000 mating cycles while maintaining normal
  operation and < 50mΩ
  Bending strength: ≥ 3.2 kg
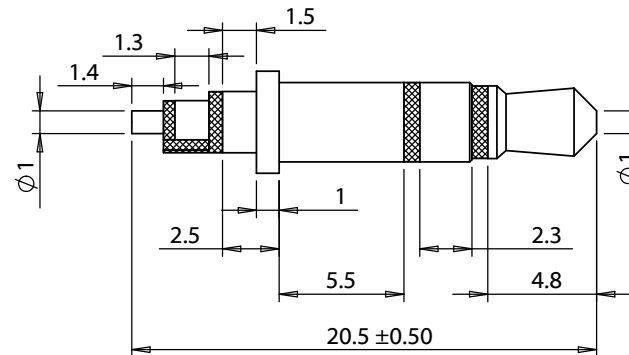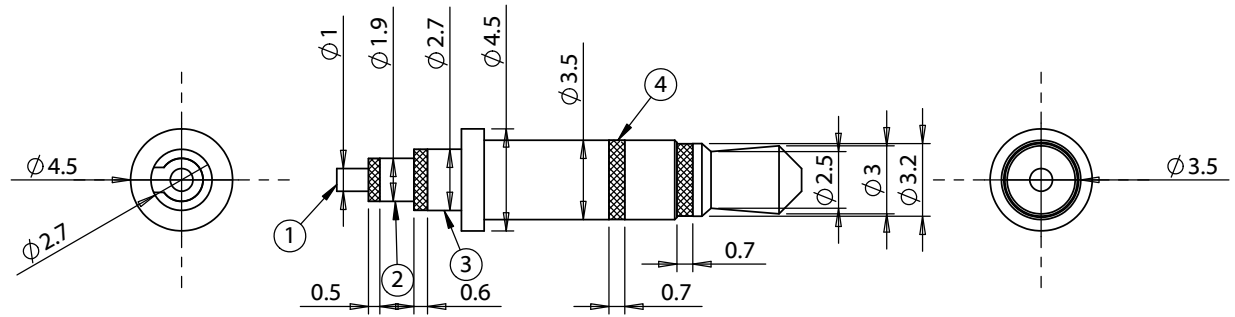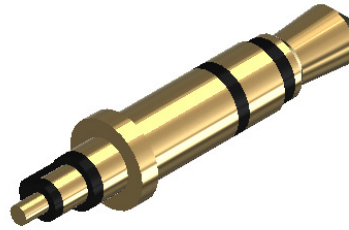 Breaking strength: ≥ 6.8 kg

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

REVISION	DATE	DESCRIPTION
A	12/08/2015	Initial release

PREPARED
GL   2015.12.08 13:45:37 -08'00'

VERIFIED
AG   2015.12.08 15:29:23 -08'00'

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

NOTES
RoHS and REACH compliant

Function test: no open, no short circuit, no intermittent

DESCRIPTION:
Connector, stereo plug, 3.5xL20.5 mm, brass, gold plated, molding style

TENSILITY

20802 Sockeye Place #130
Bend, OR 97701 USA
tel 541.323.3228   *fax* 541.323.4202
800 877.670.7118   www.tensility.com

SIZE	PART NUMBER
A	**50-00502**

SCALE: 5:1   WEIGHT: SHEET 1 OF 1