

# Product Specification

Number: L-KLS12-UG

Name: UG Wire connector

Customer: \_\_\_\_\_

Date: 2025-09-15

Customer Signature:



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**NINGBO KLS ELECTRONIC CO; LTD**

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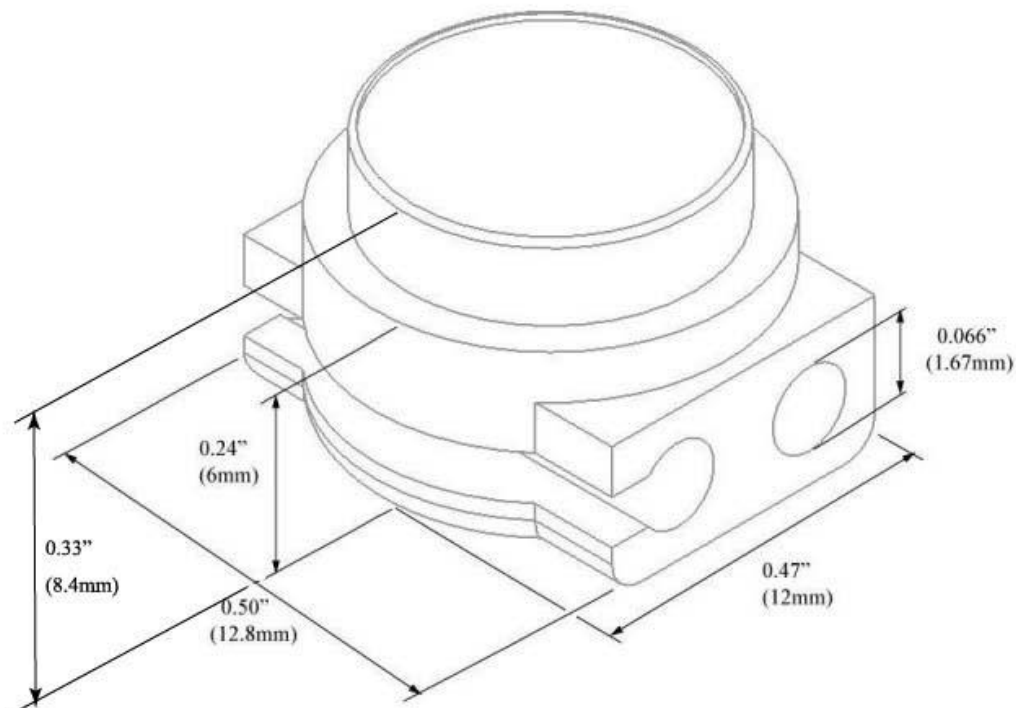
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INDUSTRIAL ZONE BEILUN NINGBO ZHEJIANG.**

Compi	Check	Review	Approva
Jenny	Jack.C		

## Technical Description

**Products:** UG wire connector, two-wire inline joints on telephone drop wire of phosphor bronze with plated tin conductors, which will be suitable for crimping tool shown.



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- 1. Application: apply to telephone wiring connection.**
- 2. Description:**
  - 2.1. UG wire connector designed for 0.4mm-0.9mm(26-19AWG) copper or copper-clad steel connector with insulation diameters 1.67mm(0.066").**
  - 2.2. The connector is filled with a moisture resistant compound in order to provide moisture proof connections.**
  - 2.3. The connector can provide total environmental sealing around IDC-contacts.**
- 3. Physical Characteristics, for more details, refer to technical drawing.**
- 4. Material Suitability**
  - 4.1. The material component:**
    - 4.1.1. Plastic part: durable polycarbonate with durable, high impact material, Green lid and Transparent bottom.**
    - 4.1.2. Contact pin: phosphor bronze with plated tin surface.**
    - 4.1.3. The filling compound is prepared from fully synthetic dimethylsiliconefluid.**
  - 4.2. All materials is suitable for operation in the tropic with maximum temperature up to 70°C.**
  - 4.3. All materials used in the connectors shall be non-toxic and dermatologically safe.**
  - 4.4. Connectors can retain the electrical & mechanical properties in the test report over working temperature range -30°C to 70°C and humidity range of 0% to 95%.**