

SMT AND THRU-HOLE POKE-IN WIRE LIGHTING CONNECTORS

The low profile SMT and Thru-Hole Poke-In Wire connectors are designed for lighting applications. Available in surface mount and thru-hole tape and reel packaging, the connectors are designed to accept a wide range of wire sizes and types.

ELECTRICAL

- 250VAC / 5A
- 250VDC / 5A
- 1500VAC dielectric withstanding voltage

MECHANICAL

- Operating Temperature: -40° to +105° C
- Wire Retention: 5 lbs minimum

MATERIALS

- Housing: UL 94 VO rated high temperature resistant thermoplastic
- Contacts: Tin over nickel plated copper alloy

SPECIFICATIONS

- Standard Product Application Specification: [114-13194](#)
- Standard Product Design Objectives (Product Specification) [108-2284](#)

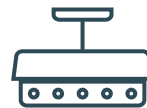
KEY FEATURES

- Connectors are available in 1 and 2 positions
- Standard and Low Insertion Force connectors available
- Accepts 18, 20 and 22 AWG solid wire; 18 and 20 AWG pre-bond stranded wire; 18 AWG stranded wire
- Connectors are available in both black and white colors for polarity
- Gel-filled versions are available for indoor moisture and outdoor application
- Low profile design
- Rounded corners to minimize shadowing
- Flat top surface allows for vacuum pickup
- High temperature material for reflow processing
- Redundant SMT pads prevent peeling
- Side by side stackable with pads on 4mm centers
- Tape and reel packaging for high speed SMT and Thru Hole processing
- RoHS compliant
- Cost effective alternative to hand soldering wires to printed circuit boards

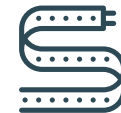
APPLICATIONS



LED Lighting Controls



General illumination LED fixtures



Interconnecting strings of printed circuit LED light modules

Various non-lighting applications that require attaching flying leads to printed circuit boards

SMT AND THRU-HOLE POKE-IN WIRE LIGHTING CONNECTORS

PRODUCT OFFERING

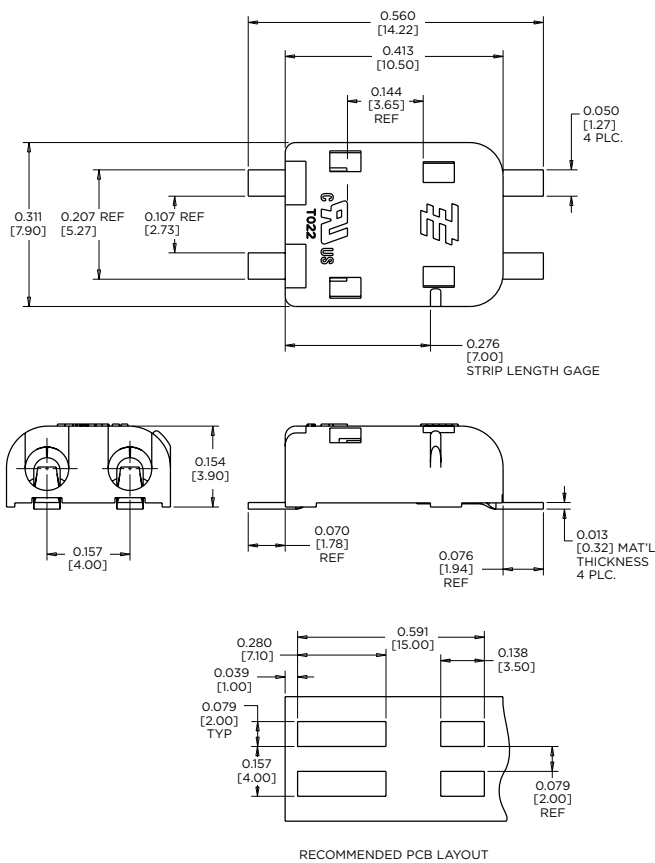
Part Number	Description
2008563-1	1 Position SMT
2008563-2	1 Position SMT (Color: Black)
1954097-1	2 Position SMT
2008106-1	2 Position Thru-Hole

WIRE SIZES

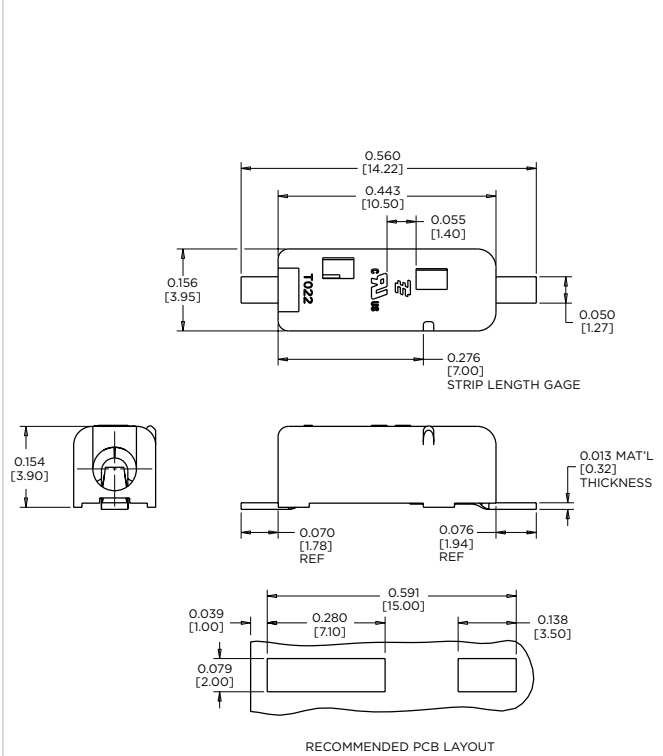
- 18, 20 and 22 AWG Solid
- 18 & 20 AWG Pre-bond Stranded
- 18 AWG Stranded (16 Strands Only)

PRODUCT DIMENSIONS

2 Position SMT
Part No. [1954097-1](#)



1 Position SMT
Part No. [2008563-1](#)

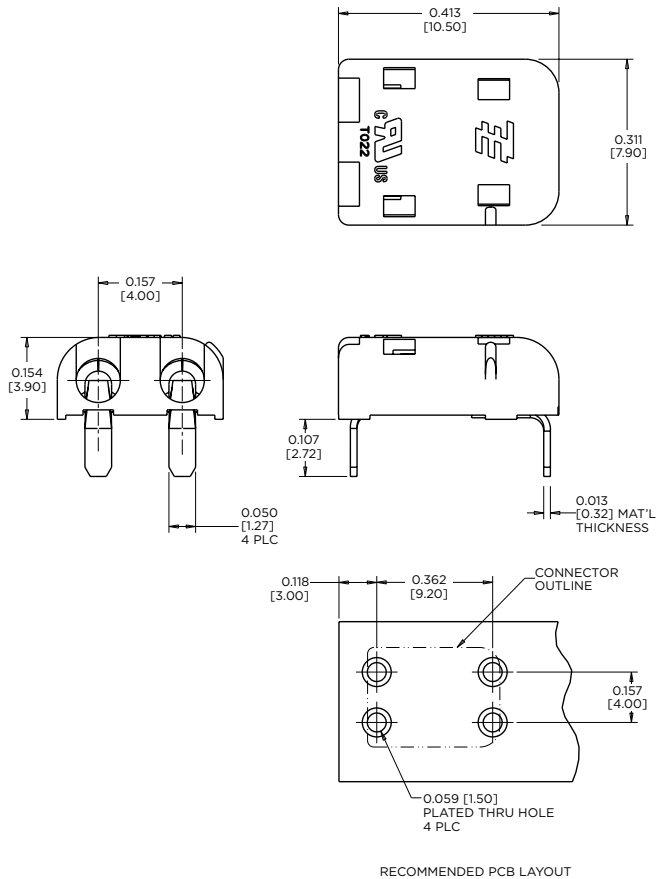


SMT AND THRU-HOLE POKE-IN WIRE LIGHTING CONNECTORS

PRODUCT DIMENSIONS

2 Position Thru-Hole

Part No. [2008106-1](#)



Connect With Us

We make it easy to connect with our experts and are ready to provide all the support you need.

Visit te.com/support to chat with a Product Information Specialist.

te.com/poke-in-wire-connectors

TE Connectivity, TE, TE connectivity (logo) and EVERY CONNECTION COUNTS are trademarks owned or licensed by the TE Connectivity plc family of companies. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this document, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any changes to the information contained herein without prior notice. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect, or consequential damages arising out of the sale, resale, use, or misapplication of the product. TE expressly disclaims any implied warranties with respect to the information contained herein, including, but not limited to, implied warranties of merchantability or fitness for a particular purpose. Dimensions, specifications and/or information contained herein are for reference purposes only and are subject to change without notice. Consult TE for the latest dimensions, specifications and/or information. Users of TE Connectivity products must make their own assessment as to whether the respective product is suitable for the respective desired application.

©2025 TE Connectivity. All Rights Reserved.

Published 01-26