



Poke-In LED Lighting Connector

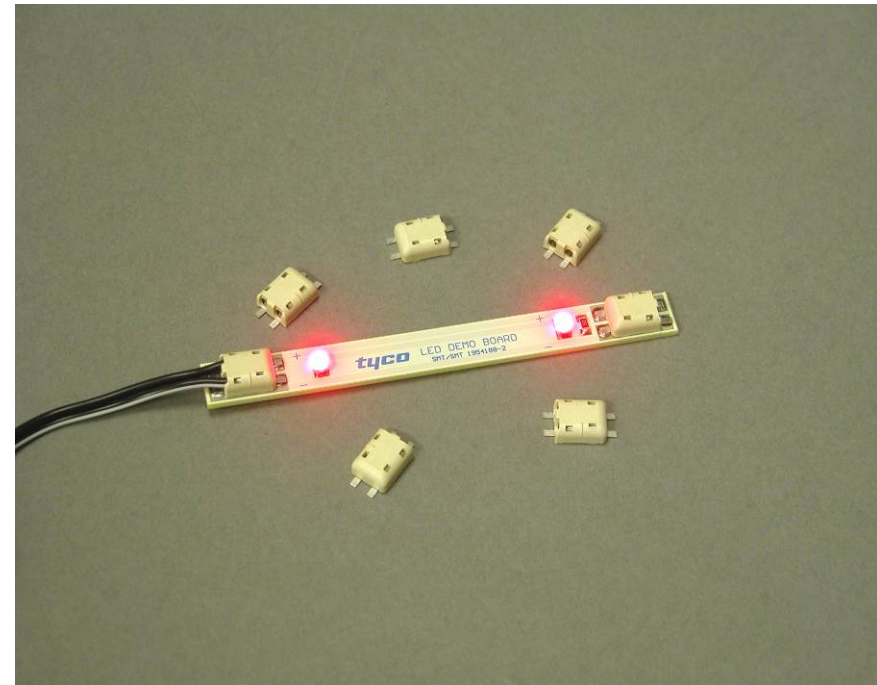
December 6, 2007

Poke-In LED Lighting Connector

Product Description

- **Description**

- The Tyco SMT Poke-In LED lighting connector is a low profile, PCB mount connector specifically designed for LED lighting applications
- Available in SMT configuration
- The connector works with 18 AWG solid, stranded or fused; 20 AWG solid or fused; and 22 AWG solid wire



Poke-In LED Lighting Connector

Key Features

- **Features**

- Tape & reel packaging
- High speed for SMT processes
- RoHS compliant
- Redundant SMT pads prevents peeling
- Rounded corners to minimize shadowing
- Accepts 18, 20, 22 AWG solid wire; 18, 20 AWG prebond stranded; 18 AWG stranded
- Cost effective alternative to hand soldering wires
- Low profile flat surface allows for vacuum pick up
- High temperature material for type reflow processes
- Side to side stackable with 4mm pad pitch

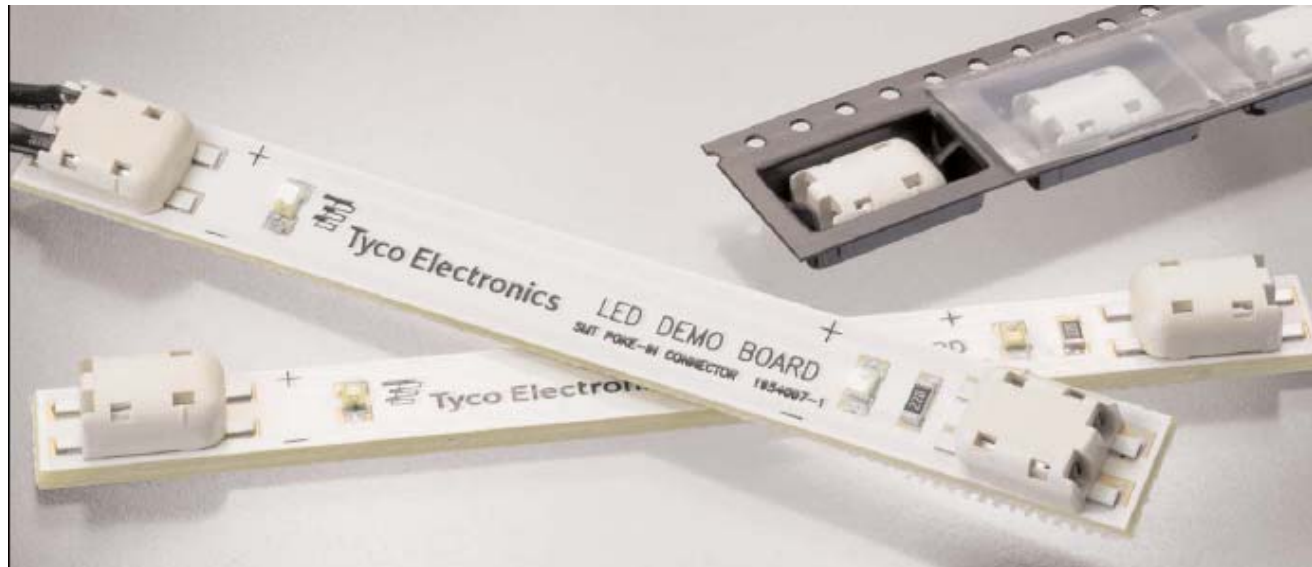


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Product Advantages

- **Advantages**

- Reduces labor associated with hand soldering leads to lighting boards---simply strip wire and poke-in
- Low profile design to easily integrate into customer assemblies
- SMT pick & place facilitated by tape & reel packaging

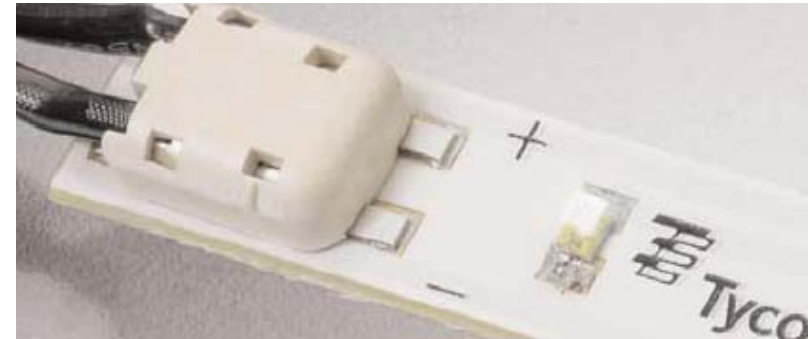


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Product Applications

- **Applications**

- LED channel letter lighting strips
- General illumination LED fixtures
- Backlight engines
- Outdoor LED street and walkway lighting
- Architectural cove and valence lighting
- Digital signage



SMT Poke-In Lighting Connector

Performance Data

- **Performance data**

- Materials:

- Housing – High temperature resistant thermoplastic
- Contact – Copper Alloy, tin over Nickel plating

- Electrical:

- 250VDC, 4A,
- 250VAC, 4A

- Mechanical:

- 5lb minimum wire retention,
- -25C to +105C operating temperature

- Standards & Specs

- UL1977 recognized, file # E28476
- Tyco Application Specification 114-13194
- Tyco Design Objectives: 108-2284

Poke-In LED Lighting Connector

Sales tools

- Prices on GPMS
- Initial stock on going
- Samples available through WWSS
- “In development” Flyer available 8-1773445-2
- Power point presentation
- No competitor known with similar offering
- Flyer available 8-1773445-2

