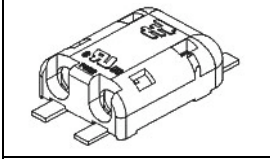


## 1954097-1 Product Details



**1954097-1**

TE Internal Number: 1954097-1



[Active](#)



[View 3D PDF](#)

### LED Poke-In Products

 [Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

#### Product Highlights:

- Wire-to-Board
- 4.00 mm Centerline
- Applies To Printed Circuit Board, Applies To Wire
- Contact Current Rating, Max = 4 A
- Operating Voltage = 250 VAC

[View all Features](#)

### Documentation & Additional Information

#### Product Drawings:

- [POKE-IN LED CONNECTOR ASSEMBLY, 2 POSITION SMT](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- [SMT AND THRU-HOLE POKE-IN WIRE LIGHTING CONNECTORS](#) (PDF, English)

#### Product Specifications:

- [SMT and Through-Hole Poke-In Connector](#) (PDF, English)

#### Application Specifications:

- [Surface Mount Technology \(SMT\) and Through-Hole Poke...](#) (PDF, English)

#### Instruction Sheets:

- None Available

#### CAD Files: ([CAD Format & Compression Information](#))

- [2D Drawing](#) (DXF, Version A)
- [3D Model](#) (IGES, Version A)
- [3D Model](#) (STEP, Version A)

[List all Documents](#)

#### Related Products:

- [Tooling](#)

### Product Features (Please use the Product Drawing for all design activity)

#### Product Type Features:

- Connector Type = Connector Assembly
- Make First / Break Last = No
- Sealed = No
- Termination Method to PC Board = Surface Mount
- PCB Mount Retention = With
- PCB Mount Alignment = Without
- SMT Compatible = Yes
- Mount Angle = Right Angle
- Wire/Cable Type = Discrete Wire
- Termination Method to Wire/Cable = Poke-in
- UL File Number = E28476
- Keyed = No

#### Electrical Characteristics:

- Contact Current Rating, Max (A) = 4
- Operating Voltage (VAC) = 250
- Operating Voltage (VDC) = 250

#### Termination Related Features:

- Wire/Cable Size (AWG) = 18 - 22
- Tool-less Wire Termination = Yes
- Tail Orientation = In-line

#### Housing Related Features:

- Connector Style = Receptacle
- Mating Alignment = Without
- Housing Color = White
- UL Flammability Rating = UL 94V-0

#### Configuration Related Features:

- Pre-Designed Cables Available = No

#### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°C
- Agency/Standard = CSA, UL
- Agency/Standard Number = C22.2 No. 182.3-M1987, UL 1977
- RoHS/ELV Compliance History = Always was RoHS compliant

#### Identification Marking:

- Circuit Identification Feature = Without

#### Conditions for Usage:

- Applies To = Printed Circuit Board, Wire
- Operating Temperature (°C [°F]) = -40 - +105 [-40 - +221]
- UV Exposure Rated = No
- Glow Wire Rating = No

**Body Related Features:**

- [Centerline \(mm \[in\]\)](#) = 4.00 [0.157]
- Number of Positions = 2
- [Number of Rows](#) = 1
- Length (X-Axis) (mm [in]) = 14.22 [0.560]
- Width (Z-Axis) (mm [in]) = 7.90 [0.311]
- Profile Height (Y-Axis) (mm [in]) = 3.90 [0.154]
- Post-Mating Assembly Measurement (mm [in]) = 10.5 [0.413]
- Mating Retention = Without
- Header Mating Direction = Horizontal
- PCB Mount Retention Type = Solder Pads

**Contact Related Features:**

- Preloaded = Yes
- Tail Plating Material = Matte Tin over Nickel
- Tail Plating, Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 3 [118.11]
- Contact Type = Socket
- Contact Plating, Mating Area, Material = Matte Tin
- Contact Plating, Mating Area, Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 3 [118]
- Stamped and Formed = Yes

- Accepts Wire Insulation Diameter, Range (mm [in]) = 2.10 [0.082]
- SMT Soldering Temperature ( $^{\circ}\text{C}$  [ $^{\circ}\text{F}$ ]) = 220 [428]
- Lighting Interconnect Level = Level 2

**Operation/Application:**

- Application Use = Wire-to-Board

**Packaging Related Features:**

- Packaging Method = SMT Pocket Tape

**Other:**

- Brand = Tyco Electronics