

## **Introducing** G13 Style SMT Assembly and End Cap Cover

# G13 Style SMT Assembly and End Cap Cover

## KEY FEATURES

- 2 Position G13 Style SMT Assembly
- The End Cap Cover is designed to interface with G13 Style SMT assembly, heat sink and tube. (Custom configurations are available upon special request.)
- End Cap Cover packaged unassembled
- 0.5 inch pin centerline per G13 specification
- The surface mount hold down provides stability during tube insertion and extraction
- High temperature material for reflow processing
- The G13 Style SMT Assembly is compatible with FR4 and aluminum clad boards
- The G13 Style SMT Assembly is tape and reel packaged for high speed SMT processing
- RoHS compliant

## DESCRIPTIONS

The G13 Style SMT Assembly and End Cap Cover are designed for use on printed circuit board LED strip lighting modules in T8 and T12 fluorescent retrofit LED tubes.

## APPLICATIONS

Standard T8 and T12 fluorescent fixtures

## ELECTRICAL

Operating Current : 2 AMPS

Operating Voltage : 250VAC/250VDC

Dielectric Withstanding Voltage : 1500VAC

## MECHANICAL

Operating Temperature : -40°C to 120°C

Mating Cycles : 10

## MATERIALS

G13 Style SMT Assembly : UL 94 V0 rated high temperature resistant thermoplastic

End cap cover : UL 94 V0 Thermoplastic

Contacts : Tin plated brass

SMT hold down : Tin plated brass

## STANDARDS AND SPECS

**114-13255** : G13 Style SMT Assembly & End Cap Application Specification

**108-2393** : G13 Style SMT Assembly & End Cap Product Specification

ETL Recognized, File No. 3177705CRT-001 to UL 8750 and UL 1993 Standards

## PRODUCT OFFERING

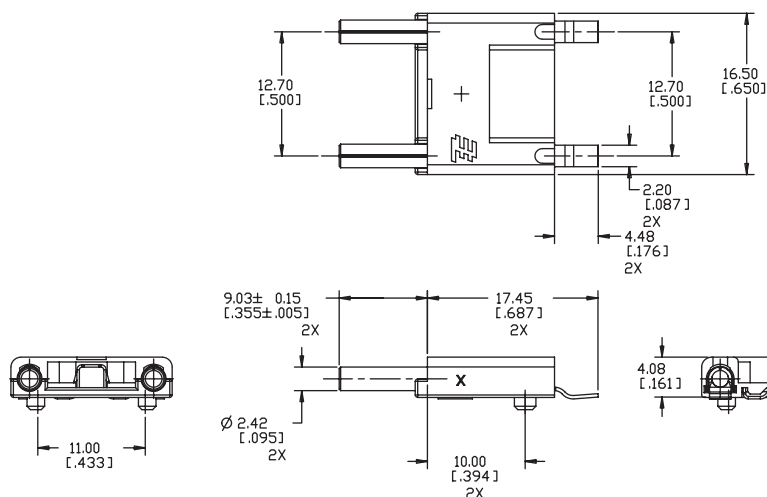
**2106646-1** : End Cap Cover (T8 sized tube applications)

**2106150-1** : G13 Style SMT Assembly

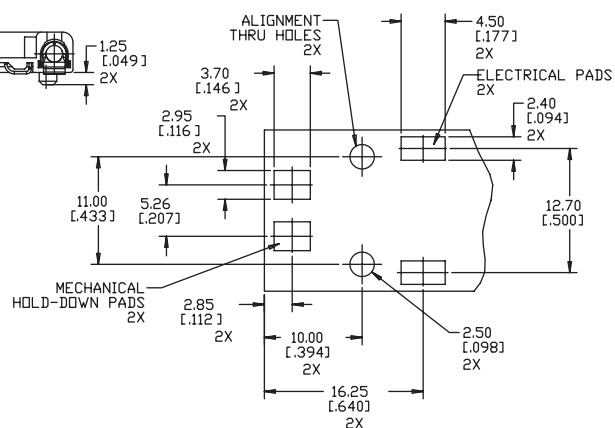
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## PRODUCT DIMENSIONS

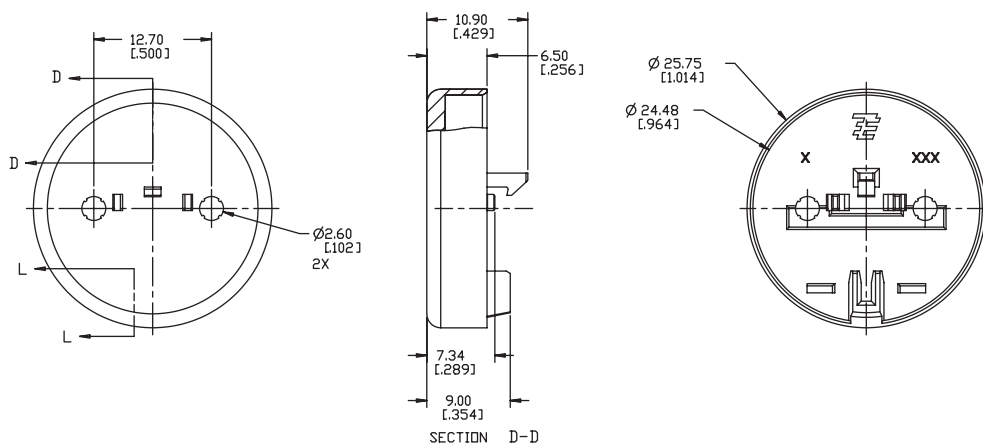
### PIN 2106646-1



### Recommended PC Board Layout



### PIN 2106646-1



## FOR MORE INFORMATION

[www.tycoelectronics.com/lighting](http://www.tycoelectronics.com/lighting)

### Technical Support

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Part numbers in this brochure are RoHS Compliant\*, unless marked otherwise.

\*as defined [www.tycoelectronics.com/leadfree](http://www.tycoelectronics.com/leadfree)

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