

## Introducing Hermaphroditic Blade and Receptacle Connector Board-to-Board

# Hermaphroditic Blade and Receptacle Connector

## KEY FEATURES

- Available in 2, 4, and 6 positions
- Connector mates to itself
- Single part to be stocked and placed onto pcb per position
- Connector mates and unmates horizontally and vertically
- Connector can be articulated from 90° to 180°
- Tape and reel packed for high speed SMT processes
- Low profile flat surface is compatible with SMT and reflow processing
- Rounded corners to minimize shadowing
- Redundant SMT pads
- Solder pad footprint compatible with Tyco Electronics SMT Poke-In LED connector

## DESCRIPTIONS

The Hermaphroditic Blade and Receptacle connector is a new SMT connector and is intended for use with in-line board-to-board applications.

## APPLICATIONS

LED lighting modules

Incandescent lighting strips

Channel lettering

## ELECTRICAL

Operating Current : 6 AMPS

Operating Voltage : 125VAC/125VDC

Dielectric Withstanding Voltage : 1500VAC

## MECHANICAL

Operating Temperature : -40°C to +105°C

## MATERIALS

Housing : UL 94V0 high temperature resistant thermoplastic

Contact : Copper Alloy, tin over nickel plated

## STANDARDS & SPECS

**114-13225** : Application Specification

**108-2342** : Product Specification

UL and cUL Recognized, File No. E28476

## PRODUCT OFFERING

**1954289-1** : 2 Position Connector : Color White

**1954289-2** : 4 Position Connector : Color White

**1954289-3** : 6 Position Connector : Color White

**1-1954289-1** : 2 Position Connector : Color Black

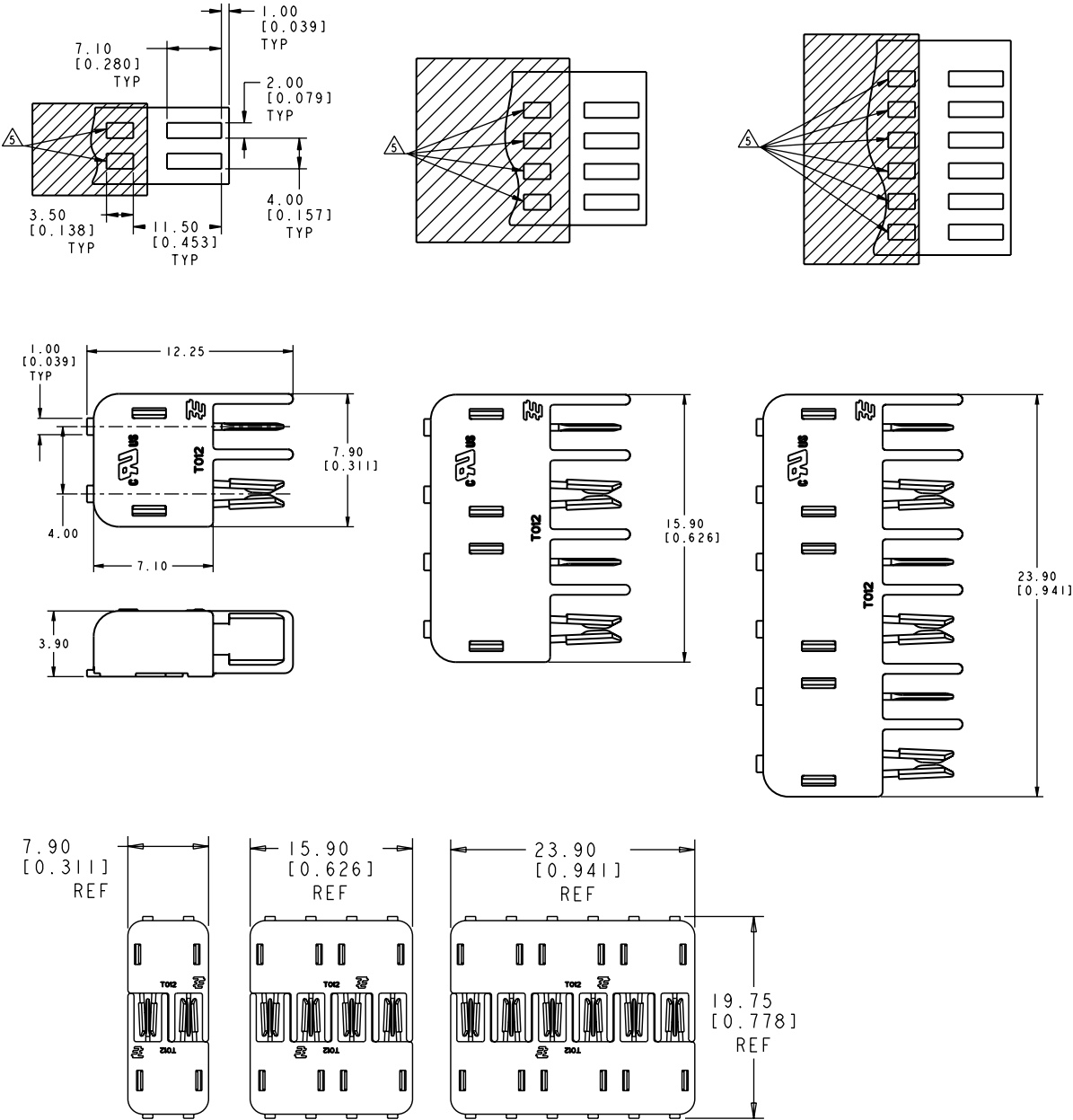
**1-1954289-2** : 4 Position Connector : Color Black

**1-1954289-3** : 6 Position Connector : Color Black



# Hermaphroditic Blade and Receptacle Connector

## PRODUCT OFFERING



\*Optional pads for SMT poke-in connector for P/N 1954097-1

## 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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