

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

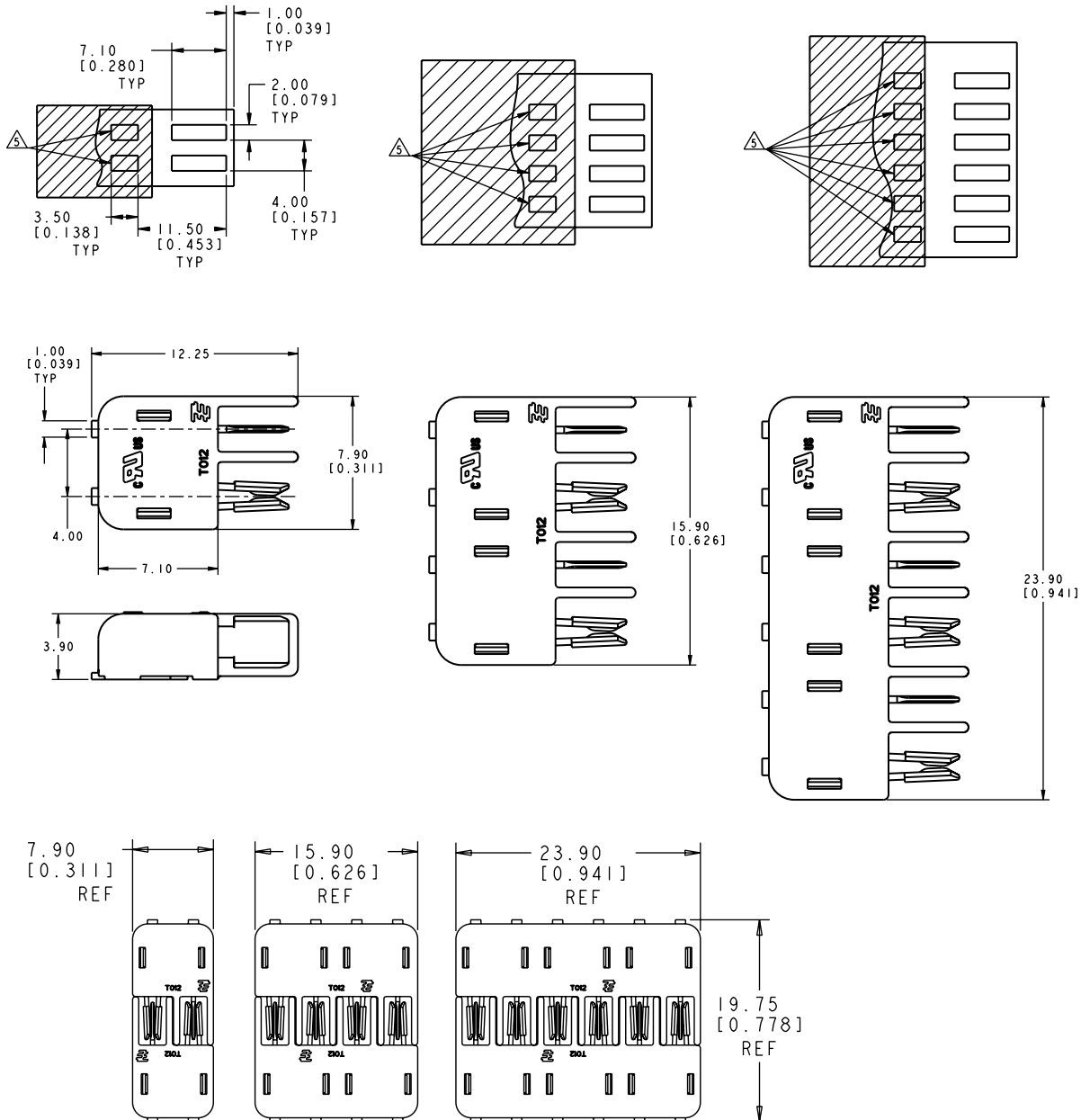
1-1954289-2 : 4 Position Connector : Color Black

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

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

*as defined www.tycoelectronics.com/leadfree

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