

Introducing Hermaphroditic Blade and Receptacle Connector

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 -3 axis mating
- 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
- RoHS compliant

DESCRIPTION

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: 5 AMPS
Operating Voltage: 90VAC / 90VDC
Dielectric Withstanding Voltage: 1500VAC

MECHANICAL

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

MATERIALS

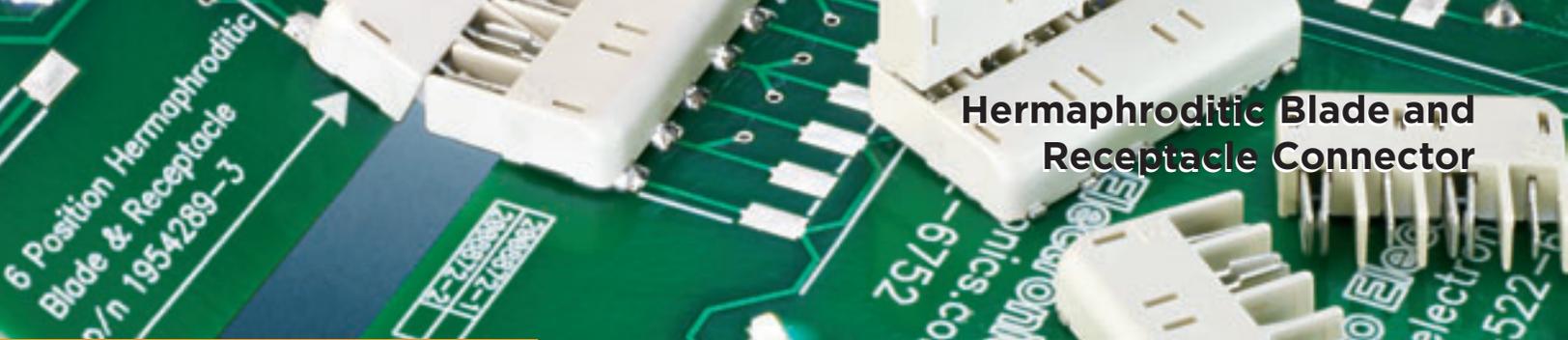
Housing: UL 94V-O high temperature resistant thermoplastic
Contact: Copper Alloy, tin over nickel plated

STANDARDS & SPECS

Tyco Electronics Application Specification: 114-13225
Tyco Electronics Design Objectives: 108-2342
UL and cUL Recognized, File No. E28476

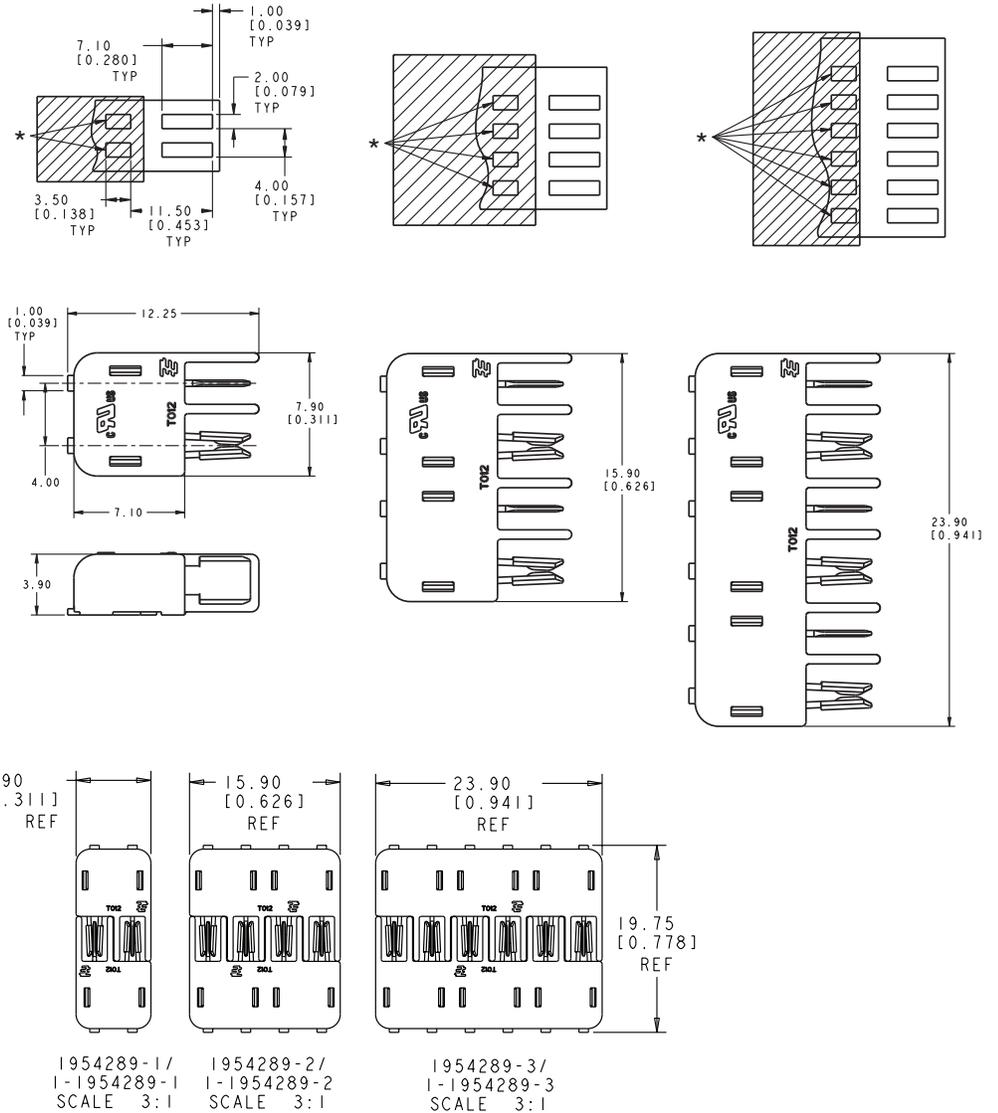
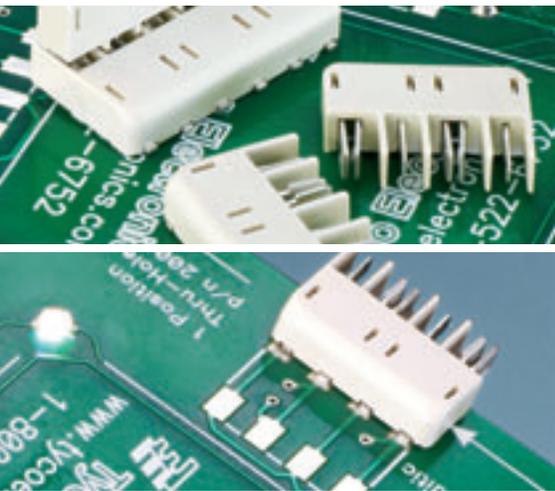
PRODUCT OFFERING

2 Position Connector, Color White: Part Number 1954289-1
4 Position Connector, Color White: Part Number 1954289-2
6 Position Connector, Color White: Part Number 1954289-3
2 Position Connector: Color Black: Part Number 1-1954289-1
4 Position Connector: Color Black: Part Number 1-1954289-2
6 Position Connector: Color Black: Part Number 1-1954289-3



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PRODUCT DIMENSIONS



MATED PAIRS SHOWN FOR REFERENCE

* Optional pads for SMT poke-in connector for P/N1954097-1

FOR MORE INFORMATION

Technical Support

Internet: www.tycoelectronics.com
www.tycoelectronics.com/lighting
E-mail: newproducts@tycoelectronics.com

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Canada: 1-905-470-4425
Mexico: 1-800-733-8926
C. America: 52-55-1106-0803
South America: 55-11-2103-6000
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
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