

# Hermaphroditic Blade and Receptacle Connector

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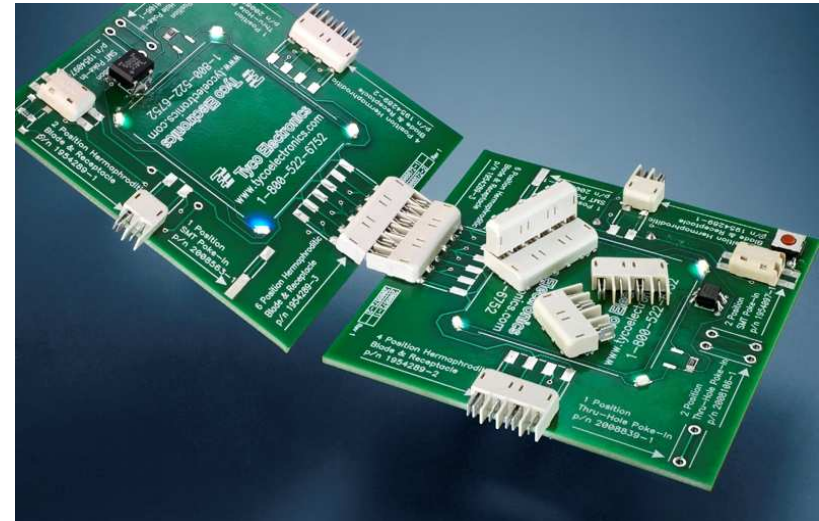
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# Hermaphroditic Blade and Receptacle Connector

## Product Description

- Description
  - The TE Connectivity Hermaphroditic Blade and Receptacle connector is a new SMT connector intended for use with in-line board-to-board applications.
  - The Hermaphroditic Blade and Receptacle connectors are available in 2, 4 and 6 position configurations



# Hermaphroditic Blade and Receptacle Connector

## Product Applications

- Product Applications
  - In-line board-to-board applications:
    - LED lighting modules
    - Incandescent lighting strips
    - Channel lettering

# Hermaphroditic Blade and Receptacle Connector

## Key Features

- Features
  - Connector mates to itself
  - Connector mates and unmates horizontally and vertically
  - Connector can be articulated from 90° to 180° degrees
  - Tape and reel packaging for high speed SMT processes
  - Low profile flat surface is compatible with SMT reflow processing
  - High temperature material for reflow type processes
  - Rounded corners to minimize shadowing
  - Redundant SMT pads
  - Solder pad footprint compatible with TE SMT Poke-In LED connector
  - RoHS compliant

# Hermaphroditic Blade and Receptacle Connector

## Product Advantages

- Advantages
  - Simplifies installation of a series of pc board strips
  - Simplifies the replacement of an individual pc board with no need to remove adjacent pc boards
  - Simplifies interconnecting pc boards at angles beyond traditional co-planer applications
  - Low profile design is easily integrated into customer assemblies
  - SMT pick & place facilitated by tape and reel packaging
  - Reduces part number inventory

# Hermaphroditic Blade and Receptacle Connector

## Performance Data

- Performance Data
  - Materials:
    - Housing – High temperature resistant thermoplastic
    - Contact – Copper Alloy, Tin over Nickel plated
  - Electrical:
    - 90VAC, 5A / 90VDC, 5A
    - Dielectric Withstanding Voltage: 1500VAC
  - Mechanical:
    - -40° to +105° C
  - Standards & Specification
    - TE Application Specification: 114-13,225
    - TE Design Objectives: 108-2342
    - UL and cUL Recognized, File No. E28476

# Product Name

## Key Contacts

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