



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Hermaphroditic Connector**

PCB Mount Orientation: **Right Angle**

Connector System: **Board-to-Board**

Number of Positions: **4**

Number of Rows: **1**

Features

Product Type Features

| | |
|-----------------------------|------------------------------------|
| PCB Connector Assembly Type | PCB Mount Hermaphroditic Connector |
| Connector System | Board-to-Board |
| Sealable | No |

Configuration Features

| | |
|-----------------------|-------------|
| PCB Mount Orientation | Right Angle |
| Number of Positions | 4 |
| Number of Rows | 1 |

Body Features

| | |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

Contact Features

| | |
|---|-----------------|
| Mating Tab Width | 3.05 mm[.12 in] |
| Mating Tab Thickness | .4 mm[.016 in] |
| Contact Mating Area Plating Material Finish | Matte |
| Contact Underplating Material | Nickel |



| | |
|--|----------------|
| Contact Mating Area Plating Material | Tin |
| Contact Mating Area Plating Material Thickness | 3.81 – 8.89 µm |
| Contact Type | Hermaphroditic |
| Contact Current Rating (Max) | 6 A |

Termination Features

| | |
|---|----------------|
| Rectangular Termination Post & Tail Thickness | .4 mm[.016 in] |
| Rectangular Termination Post & Tail Width | 1 mm[.039 in] |
| Termination Method to Printed Circuit Board | Surface Mount |

Mechanical Attachment

| | |
|--------------------------|-------------|
| PCB Mount Alignment Type | Peg |
| Mating Retention | With |
| PCB Mount Retention Type | Solder Peg |
| PCB Mount Retention | Without |
| PCB Mount Alignment | With |
| Connector Mounting Type | Board Mount |

Housing Features

| | |
|--------------------|------|
| Centerline (Pitch) | 4 mm |
| Housing Material | LCP |

Usage Conditions

| | |
|-----------------------------|--------------|
| Operating Temperature Range | -40 – 105 °C |
|-----------------------------|--------------|

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|------------------|-------------|
| Packaging Method | Tape & Reel |
|------------------|-------------|

Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|------------------------------|-----------|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| | |



| | |
|---|---|
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not reviewed for solder process capability |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

TE Part # 2154640-2
Herm Blade & Recept assy w/latch & posts

Customers Also Bought

TE Part #812841-000
202K132-3-0

TE Part #5069824023
CGPT-3.2/1.6-0-SP

TE Part #F18659-000
HX-SCE Low Fire Hazard Sleeves

TE Part #1415535-9
PT5L7LC4





TE Part #1-1825007-6
DRD16E04=ROT DIP,16P



TE Part #2213614-2
HERM BLADE & REC,4 POS,LATCH,
SELECT GOLD



TE Part #4431574001
GPO-135-4.8/2.4-0-SP



TE Part #F55931-000
1966-RIBBON

Documents

Product Drawings

Herm Blade & Recept assy w/latch & posts

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2154640-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2154640-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2154640-2_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English