# 1-1393641-6 ✔ ACTIVE

EUROCARD | Eurocard Type B

TE Internal #: 1-1393641-6

Receptacle, Board-to-Board, 64 Position, 2.54 mm [.1 in] Centerline, Printed Circuit Board, 2 Row, Vertical, Eurocard Type B, Eurocard Connectors

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **4.5 mm [ .177 in ]**

Number of Positions: **64**

Centerline (Pitch): **2.54 mm [ .1 in ]**

## Features

### Product Type Features

| | |
|---|---|
| Connector & Housing Type | Receptacle |
| Connector System | Board-to-Board |
| Connector & Contact Terminates To | Printed Circuit Board |
| DIN Size | Standard |
| DIN Level | II |

### Configuration Features

| | |
|---|---|
| Number of Positions | 64 |
| Number of Rows | 2 |
| PCB Mount Orientation | Vertical |
| Number of Columns | 32 |
| Number of Signal Positions | 64 |
| Rows Loaded | A, B |

### Contact Features

| | |
|---|---|
| Contact Underplating Material | Nickel |
| Contact Underplating Material Thickness | 1.27 µm[50 µin] |
| Contact Mating Area Plating Material Thickness | .76 µm[29.92 µin] |
| PCB Contact Termination Area Plating Material Thickness | 2.54 µm[100 µin] |
| Contact Layout | Inline |

| | |
|---|---|
| Contact Mating Area Plating Material | Gold Flash over Palladium Nickel |
| Contact Base Material | Phosphor Bronze |
| PCB Contact Termination Area Plating Material | Tin-Lead |
| Contact Type | Socket |

## Termination Features

| | |
|---|---|
| Termination Method to PCB | Through Hole - Solder |
| Termination Post & Tail Length | 4.5 mm[.177 in] |

## Mechanical Attachment

| | |
|---|---|
| Connector Mounting Type | Board Mount |
| Panel Mount Feature | Without |
| Mating Retention | Without |
| Mating Alignment Type | Polarization |
| Mating Alignment | With |
| PCB Mount Alignment | Without |

## Housing Features

| | |
|---|---|
| Housing Material | Polyester GF |
| Centerline (Pitch) | 2.54 mm[.1 in] |

## Dimensions

| | |
|---|---|
| Connector Width | 7.94 mm[.313 in] |
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |
| Connector Height | 11.51 mm[.453 in] |
| Connector Length | 93.98 mm[3.7 in] |
| Row-to-Row Spacing | 2.54 mm[.1 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |

## Operation/Application

| | |
|---|---|
| Shielded | No |
| Circuit Application | Signal |

## Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94V-0 |
| Compatible With Approved Standards Products | CSA LR7189, UL E28476 |

## Packaging Features

| | |
|---|---|
| Packaging Method | Box & Tray, Tray |

## Product Compliance

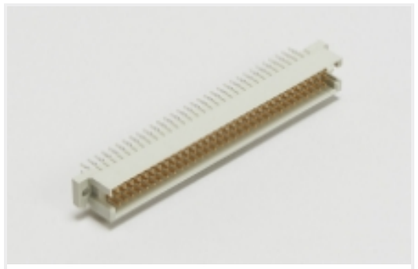
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUL 2019 (201)<br>Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 240°C |

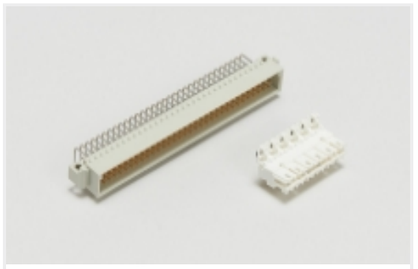
Product Compliance Disclaimer

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

## Also in the Series | Eurocard Type B



Eurocard Connectors(34)



Standard Edge Connectors(2)

## Customers Also Bought



TE Part #800104-SF
FN405-1-02



TE Part #800498-SF
FN9260-4-06



TE Part #CAT-D9934-A75E
Header Assembly: Wire-to-Board, 15A, gold or tin plated



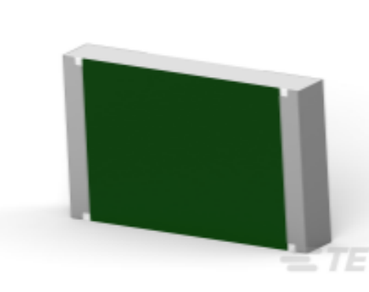
TE Part #2-1879353-0
RR02 5% 27K AMMO



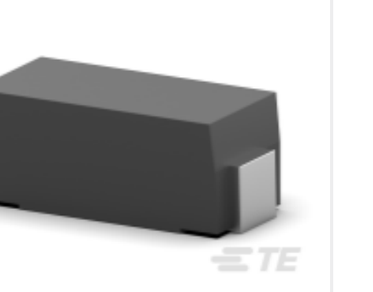

TE Part #2176070-1
3521 10R 1% 2W




TE Part #5-2176231-8
3522 2K4 1% 3W



TE Part #9-2176401-3
3540 68R 5%



TE Part #3-2176459-2
SMW 7W 2R0 5% Taped



TE Part #3-2176612-6
EP 3W (SS) 30R 5%

## Documents

### CAD Files

Customer View Model

ENG_CVM_CVM_1-1393641-6_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1393641-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1393641-6_A.3d_stp.zip

English

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