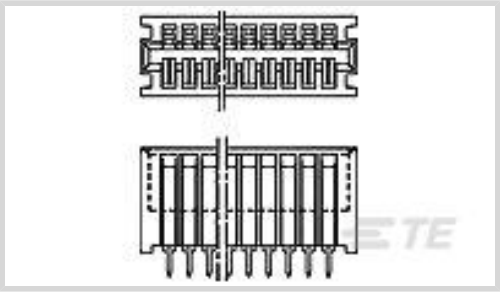




Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors



Connector System: **Board-to-Board**
Number of Positions: **6**
Centerline (Pitch): **2.54 mm [.1 in]**
Termination Method to Wire & Cable: **Solder Eyelet**
Number of Dual Positions: **6**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Connector System | Board-to-Board |
| Connector & Housing Type | Receptacle |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|----------------------------------|--------------|
| Number of Positions | 6 |
| Number of Dual Positions | 6 |
| Number of Rows | 2 |
| Connector Contact Load Condition | Fully Loaded |
| PCB Mount Orientation | Vertical |

Body Features

| | |
|-----------------------|-------|
| Primary Product Color | Green |
|-----------------------|-------|

Contact Features

| | |
|--|-----------------|
| Contact Retention Within Housing | Without |
| Contact Type | Socket |
| Contact Mating Area Plating Material Thickness | .38 μm[15 μin] |
| Contact Mating Area Plating Material | Gold |
| Contact Base Material | Phosphor Bronze |
| Contact Current Rating (Max) | 3 A |

Termination Features



| | |
|---|-----------------------|
| Termination Post & Tail Length | 3.2 mm[.13 in] |
| Termination Method to Printed Circuit Board | Through Hole - Solder |
| Termination Method to Wire & Cable | Solder Eyelet |

Mechanical Attachment

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

Housing Features

| | |
|-----------------------------|---|
| Housing Entry Configuration | Both Ends Closed |
| Centerline (Pitch) | 2.54 mm[.1 in] |
| Housing Material | Thermoplastic Polyester -20% Glass-Filled |

Dimensions

| | |
|--------------------|-----------------|
| Card Slot Depth | 7.9 mm[.31 in] |
| Connector Height | 13.4 mm[.53 in] |
| Row-to-Row Spacing | 5.08 mm[.2 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 125 °C[-67 – 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

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

Packaging Features

| | |
|--------------------|------------------|
| Packaging Quantity | 26 |
| Packaging Method | Box & Tube, Tube |

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

| | |
|------------------------------|-----------|
| EU RoHS Directive 2011/65/EU | Compliant |
|------------------------------|-----------|

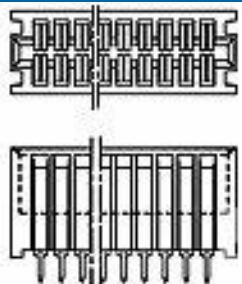


| | |
|---|---|
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Wave solder capable to 265°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>

Compatible Parts



TE Part # 166087-3
DUAL LOADED,CLOSED ENDS

Customers Also Bought



TE Part #3-1625984-2
HSA50 22K 5%



TE Part #211149-1
PIN HSG,25 POSN,METRIMATE



TE Part #66602-1
III+ PIN,18-14,TIN-LEAD,LP



TE Part #36807
TERMINAL,SOLIS R 6 3/8





TE Part #5645500-1
SOCKET,MSS SER 4 BN SN AU



TE Part #NB09542001
ATUM-16/4-0-STK



TE Part #208211-1
SCREW SHOULDER, SPEC



TE Part #0600-00025
ANT,900MHZ,2.0DBI STRAIGHT, FL, MMCX, 7I



TE Part #EL8085-000
D-CT-50M-6.4-OUT-9

Documents

Product Drawings

SINGLE LOADED/OPEN ENDS

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_166086-6_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_166086-6_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_166086-6_H.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

AMP EDGE Low Profile Connectors

English

Product Specification

English