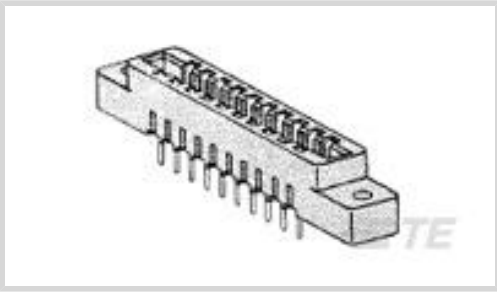




Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors



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

Number of Positions: **43**

Centerline (Pitch): **3.96 mm [ .156 in ]**

Termination Method to Wire & Cable: **Solder Eyelet**

Number of Dual Positions: **43**

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              | 43           |
| Number of Dual Positions         | 43           |
| Number of Rows                   | 2            |
| Connector Contact Load Condition | Fully Loaded |
| PCB Mount Orientation            | Vertical     |

Body Features

|                   |     |
|-------------------|-----|
| Connector Profile | Low |
|-------------------|-----|

Contact Features

|                                                         |                  |
|---------------------------------------------------------|------------------|
| Contact Retention Within Housing                        | With             |
| PCB Contact Termination Area Plating Material Thickness | 2.54 μm[100 μin] |
| Contact Type                                            | Socket           |
| Contact Mating Area Plating Material Thickness          | .76 μm           |
| Contact Mating Area Plating Material                    | Gold             |
| PCB Contact Termination Area Plating Material Finish    | Bright           |
| Contact Underplating Material                           | Nickel           |



|                                               |                 |
|-----------------------------------------------|-----------------|
| PCB Contact Termination Area Plating Material | Tin             |
| Contact Base Material                         | Phosphor Bronze |
| Contact Current Rating (Max)                  | 5 A             |

Termination Features

|                                             |                       |
|---------------------------------------------|-----------------------|
| Termination Post & Tail Length              | 3.81 mm[.15 in]       |
| Termination Method to Printed Circuit Board | Through Hole - Solder |
| Termination Method to Wire & Cable          | Solder Eyelet         |

Mechanical Attachment

|                                       |               |
|---------------------------------------|---------------|
| Mating Retention                      | Without       |
| Mating Alignment                      | Without       |
| Contact Retention Type Within Housing | Locking Lance |
| PCB Mount Alignment                   | Without       |
| Panel Mount Feature                   | Without       |
| PCB Mount Retention                   | With          |
| Panel Mount Feature Type              | Mounting Ears |
| PCB Mount Retention Type              | Mounting Ears |
| Connector Mounting Type               | Board Mount   |

Housing Features

|                    |                        |
|--------------------|------------------------|
| Centerline (Pitch) | 3.96 mm[.156 in]       |
| Housing Color      | Green                  |
| Housing Material   | Glass Filled Polyester |

Dimensions

|                    |                  |
|--------------------|------------------|
| Card Slot Depth    | 7.49 mm[.29 in]  |
| Connector Height   | 11.68 mm[.46 in] |
| Row-to-Row Spacing | 5.08 mm[.2 in]   |

Usage Conditions

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

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Method   | Tray |
| Packaging Quantity | 24   |



Other

|         |                                                |
|---------|------------------------------------------------|
| Comment | Intercontact Keying Plug Part Number 650025-2. |
|---------|------------------------------------------------|

Product Compliance

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

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Not Compliant                                                                                                                                                                                                                                                                                                                                                                                                                |
| EU ELV Directive 2000/53/EC                   | Not Compliant                                                                                                                                                                                                                                                                                                                                                                                                                |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold                                                                                                                                                                                                                                                                                                                                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2022 (224)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>Pb (13% in Component Part)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                               | Not Yet Reviewed for halogen content                                                                                                                                                                                                                                                                                                                                                                                         |
| 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>

Compatible Parts





Documents

Product Drawings

CONN LOW PRO 43 POS 156X200C/L

English

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

REPLACING CONTACTS IN AMP LOW PROFILE EDGE CONNECTORS

English