

338030-1 ✓ ACTIVE

AMP

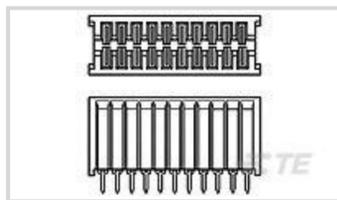
TE Internal #: 338030-1

Standard Edge Connectors, Board-to-Board, 14 Position, .1 in [2.54 mm] Centerline, Solder Eyelet, 14 Dual Positions, 2 Row, Green

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



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

Number of Positions: **14**

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

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

Number of Dual Positions: **14**

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 | 14 |
| Number of Dual Positions | 14 |
| Number of Rows | 2 |
| Connector Contact Load Condition | Fully Loaded |
| PCB Mount Orientation | Vertical |

Contact Features

| | |
|---|------------------|
| Contact Retention Within Housing | With |
| PCB Contact Termination Area Plating Material Thickness | 3 µm |
| Contact Type | Socket |
| Contact Mating Area Plating Material Thickness | 3 µm[118.11 µin] |
| Contact Mating Area Plating Material | Tin |
| Contact Underplating Material | Nickel |
| PCB Contact Termination Area Plating Material | Tin |
| 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 |
| Panel Mount Feature | Without |
| PCB Mount Retention | Without |
| Connector Mounting Type | Board Mount |

Housing Features

| | |
|-----------------------------|---|
| Housing Entry Configuration | Both Ends Open |
| Centerline (Pitch) | 2.54 mm[.1 in] |
| Housing Color | Green |
| 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 | -40 – 105 °C[-40 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Industry Standards

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

Packaging Features

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

Product Compliance

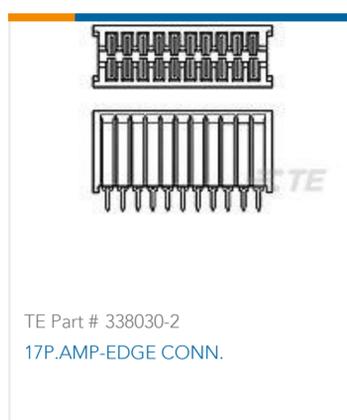
[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|--|
| 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: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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



Documents

Product Drawings

[14P.AMP-EDGE CONN.](#)

Product Specifications

[Product Specification](#)

[AMP EDGE Low Profile Tin Plated](#)

English

[Product Specification](#)

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English