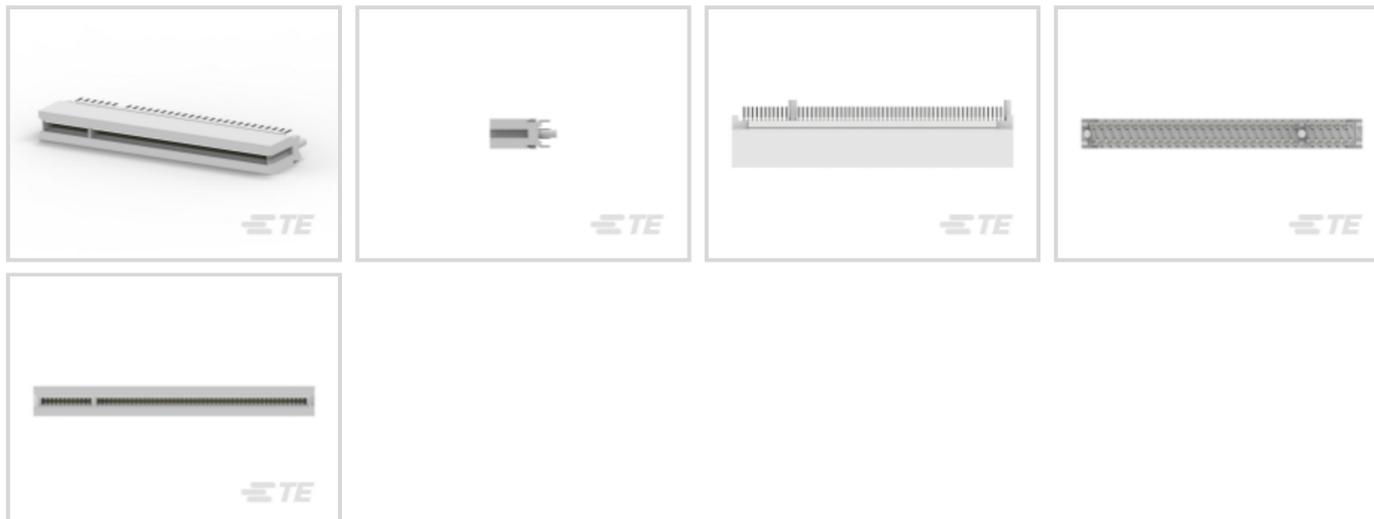




Connectors > PCB Connectors > Card Edge Connectors > PCI & PCI Express Connectors



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

Number of Positions: **120**

Centerline (Pitch): **1.27 mm [.05 in]**

Termination Post & Tail Length: **2.54 mm [.1 in]**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

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

Configuration Features

| | |
|--|----------|
| Number of PCB Mount Retention Features | 2 |
| Number of Positions | 120 |
| PCB Mount Orientation | Vertical |
| Ejector | Without |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 203 VAC |
|-------------------|---------|

Body Features

| | |
|-----------------------|---------|
| Product Weight | 12.58 g |
| Primary Product Color | Natural |

Contact Features

| | |
|---|---------------|
| Contact Current Rating (Max) | 1.1 A |
| PCB Contact Termination Area Plating Material Thickness | 2.537 μ m |



| | |
|---|-----------------|
| Contact Underplating Material | Nickel |
| Contact Mating Area Plating Material | Gold Flash |
| Contact Base Material | Phosphor Bronze |
| PCB Contact Termination Area Plating Material | Tin |

Termination Features

| | |
|--------------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
| Termination Post & Tail Length | 2.54 mm[.1 in] |

Mechanical Attachment

| | |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

Housing Features

| | |
|--------------------|--------------------------------|
| Housing Material | High Temperature Thermoplastic |
| Centerline (Pitch) | 1.27 mm[.05 in] |

Dimensions

| | |
|--------------------------|-------------------|
| PCB Thickness (Accepted) | 1.57 mm[.062 in] |
| Connector Length | 84.84 mm[3.34 in] |
| Connector Height | 13.97 mm[.55 in] |
| Connector Width | 8.8 mm[.346 in] |

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -55 – 85 °C[-67 – 185 °F] |
|-----------------------------|---------------------------|

Operation/Application

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

Industry Standards

| | |
|----------|-----|
| Bus Type | PCI |
|----------|-----|

Packaging Features

| | |
|--------------------|--------------|
| Packaging Method | Box & Carton |
| Packaging Quantity | 35 |

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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



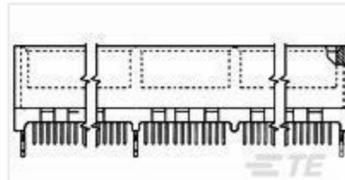
TE Part # 1734774-1
PCI EXP 3.1L 36 POS WHT G/F



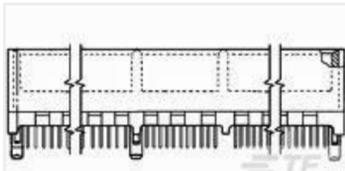
TE Part # 1-5145166-2
STANDARD EDGE .050 SERIES 92
DUAL ASSY



TE Part # 1-5145167-2
STANDARD EDGE .050 SERIES 60
DUAL ASSY



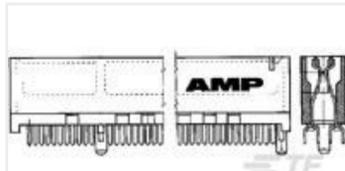
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STANDARD EDGE .050 SERIES 92
DUAL ASSY



TE Part # 5145166-4
STANDARD EDGE .050 SERIES 92
DUAL ASSY



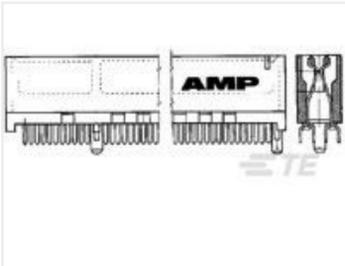
TE Part # 5145154-8
STANDARD EDGE .050 SERIES 60
DUAL ASSY



TE Part # 5650181-1
STANDARD EDGE .050 SERIES 56
DUAL ASSY



TE Part # 5650090-7
STANDARD EDGE .050 SERIES 23
DUAL ASSY

TE Part # 5650092-2
STANDARD EDGE .050 SERIES 91
DUAL ASSY



TE Part # 5650090-1
STANDARD EDGE .050 SERIES 56
DUAL ASSY



TE Part # 5650719-1
STANDARD EDGE .050 SERIES 25
DUAL ASSY



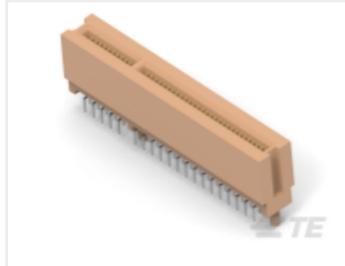
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CONNECTOR ASSEMBLY, DUAL
POSITIONS, .050



TE Part # 1-5145154-2
CONNECTOR, 60 DUAL POSITION, .



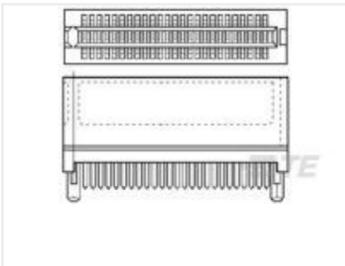
TE Part # 1-5145168-2
STANDARD EDGE .050 SERIES 92
DUAL ASSY



TE Part # 5650090-3
STANDARD EDGE .050 SERIES 40
DUAL ASSY



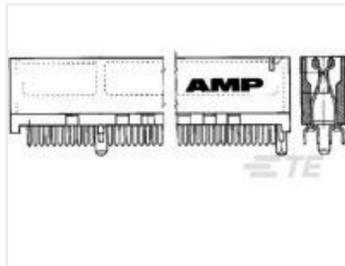
TE Part # 5-2337939-4
PCIE GEN4 CON,SMT,164POS,30u",
MYLAR,HT



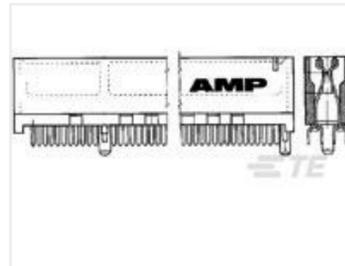
TE Part # 5650719-2
STANDARD EDGE .050 SERIES 25
DUAL ASSY



TE Part # 5650712-1
STANDARD EDGE .050 SERIES 15
DUAL ASSY

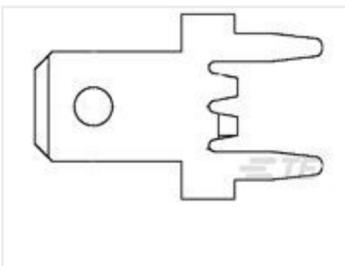


TE Part # 5650181-2
STANDARD EDGE .050 SERIES 40
DUAL ASSY



TE Part # 5650181-3
STANDARD EDGE .050 SERIES 23
DUAL ASSY

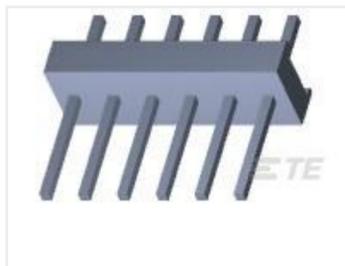
Customers Also Bought



TE Part #63823-1
187 FASTON TAB TPBR



TE Part #2-178313-5
DYNAMIC D3100 HDR V 3P ASSY



TE Part #640452-6
06P MTA100 HDR ASSY SQ STR



TE Part #1318125-1
DYNAMIC D2100 HDR V ASSY 8P



TE Part #1487599-1
USB, A-BLUNT,28/28,BLK,0.83M



TE Part #1622869-1
CRG0603 1% 1K2



TE Part #1734510-1
MINI USB, TYPE B, R/A, T/H



TE Part #4-2176216-2
CPF A 0603 10K 0.1% 25PPM 1K RL



Documents

Product Drawings

[CONNECTOR, 60 DUAL POSITION, .](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5145154-1_B.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5145154-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5145154-1_B.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English