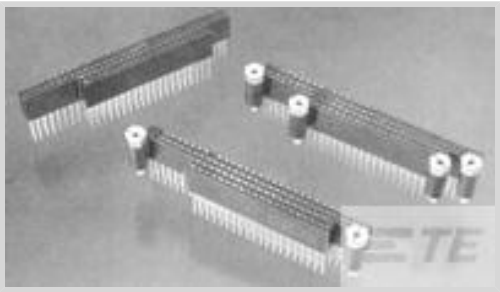




Connectors > PCB Connectors > Board-to-Board Connectors > PC/104 Connectors



Connector System: **Board-to-Board**
Number of Positions: **104**
Centerline (Pitch): **2.54 mm [.1 in]**
Number of Loaded Positions: **104**
Sealable: **No**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Connector System | Board-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|----------------------------|---------------|
| Stacking Configuration | Stack Through |
| Number of Positions | 104 |
| Number of Loaded Positions | 104 |

Electrical Characteristics

| | |
|---------------------------------------|---------|
| Dielectric Withstanding Voltage (Max) | 500 VAC |
| Insulation Resistance | 1000 MΩ |

Contact Features

| | |
|--------------------------------------|-----------------|
| Contact Mating Area Plating Material | Gold |
| Contact Base Material | Phosphor Bronze |
| Contact Current Rating (Max) | 3 A |

Termination Features

| | |
|---|--------------------------|
| Termination Post & Tail Length | 12.27 mm[.483 in] |
| Termination Method to Printed Circuit Board | Through Hole - Press-Fit |

Mechanical Attachment



| | |
|--------------------------|-----------------------|
| PCB Mount Retention Type | Action/Compliant Tail |
| Connector Mounting Type | Board Mount |

Housing Features

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

Usage Conditions

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

Operation/Application

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

Industry Standards

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

Other

| | |
|---------|---|
| Comment | Flat-rock insertable, See Specific Info Link for information on a PC/104 Extraction Tool. |
|---------|---|

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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not applicable for solder process capability |


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

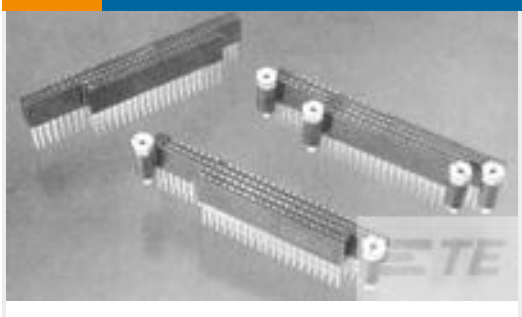


materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>


Customers Also Bought



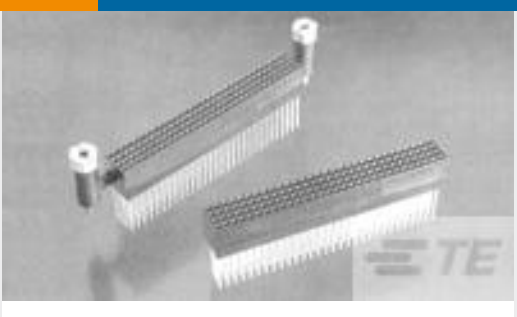
TE Model / Part #5-1775444-2
AMP HPI 1.5MM HEADERS



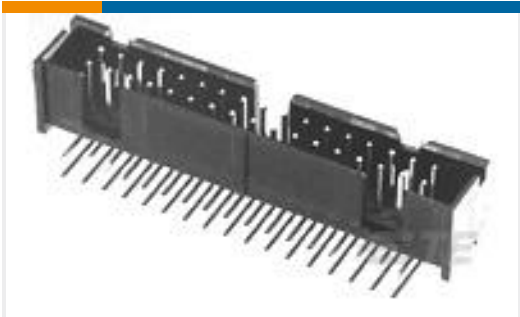
TE Model / Part #1375795-1
ASSY, 64/40 POS PC104




TE Model / Part #2013022-1
SEMI-HARD TRAY DDR3 204P 4H STD




TE Model / Part #1375799-1
ASSY, 120 POS PC104 PLUS



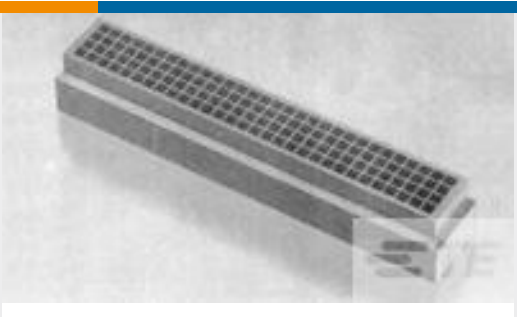
TE Model / Part #5103310-6
A/L LOW PRO HDR 26P RA BLACK



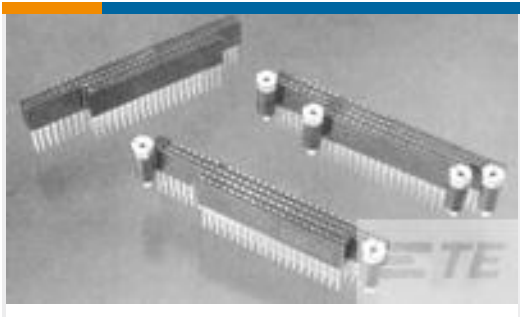
TE Model / Part #1888617-1
Cage Assy, QSFP, Through Bezel



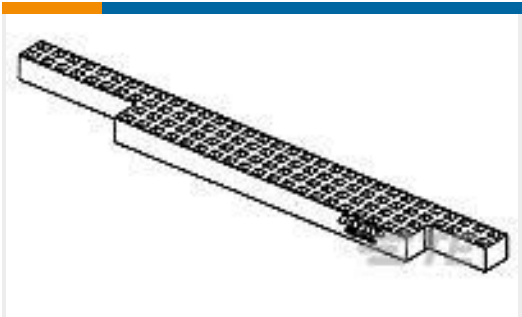
TE Model / Part #5788336-2
STD USB TYPE B, VERTICAL, T/H, 15U" AU



TE Model / Part #1375801-1
SHROUD, 120 POS PC104 PLUS



TE Model / Part #1375796-4
PC104 ASY UNKEYED LF



TE Model / Part #1445251-1
ORGANIZER PC/104

Documents

Product Drawings
PC104 ASY STKTHRU UNKEYED

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_1375795-2_H.2d_dxf.zip

English

Customer View Model
ENG_CVM_1375795-2_H.3d_igs.zip



English

Customer View Model

ENG_CVM_1375795-2_H.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION1AND2

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English