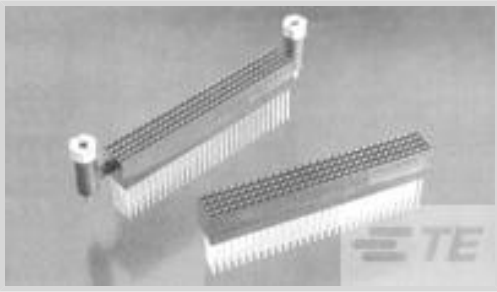




Connectors > PCB Connectors > Board-to-Board Connectors > PC/104 Connectors



Number of Positions: 120

Centerline (Pitch): 2 mm [.079 in]

Number of Loaded Positions: 120

Contact Current Rating (Max): 3 A

Features

Product Type Features

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

Configuration Features

|                            |                   |
|----------------------------|-------------------|
| Stacking Configuration     | Non-Stack Through |
| Number of Positions        | 120               |
| Number of Loaded Positions | 120               |

Electrical Characteristics

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

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

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 | 2.85 mm[.112 in]         |
| Termination Method to PCB      | Through Hole - Press-Fit |

Mechanical Attachment



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

Housing Features

|                    |               |
|--------------------|---------------|
| Housing Material   | Nylon - GF    |
| Centerline (Pitch) | 2 mm[.079 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 |
|------------------------|----------|

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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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                     | 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>



### Compatible Parts

TE Part # 1375799-4  
ASSY, 120 POS PC104 PLUS LF

Also in the Series

AMPMODU PC/104

Automotive Housings(2)

Card Edge Power Connectors(1)

Hand Crimping Tools(1)

PC/104 Connectors(25)

Rack & Panel Connectors(1)

Rectangular Connector Housings(2)

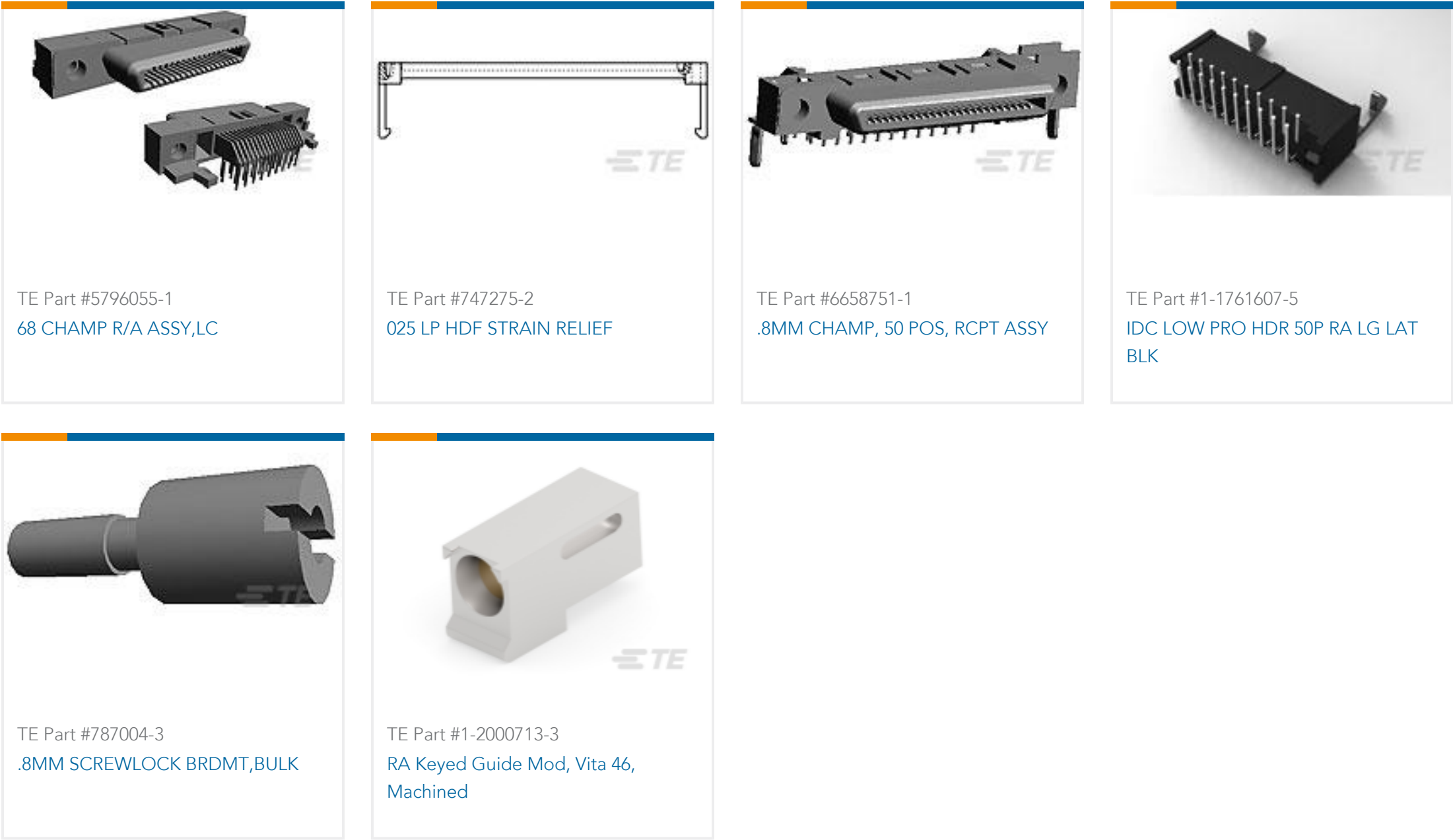
### Customers Also Bought

TE Part #5747842-4  
25 MSFL PLUG RA 318 (IN,FM,BL)

TE Part #1658608-2  
25 POS HDF PLUG, MS, LEAD FREE

TE Part #5102159-9  
A/L UNIV HDR 40P RA

TE Part #5745397-2  
HD-20 RCPT 25P RA 318 FFSCRLK



Documents

Product Drawings

ASSY,120 POS PC104 PLUS LF

English

CAD Files

Customer View Model

ENG\_CVM\_1375800-4\_G.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1375800-4\_G.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_1375800-4\_G.2d\_dxf.zip

English

3D PDF

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

Agency Approvals

UL Report



English