# 5120678-2 × OBSOLETE

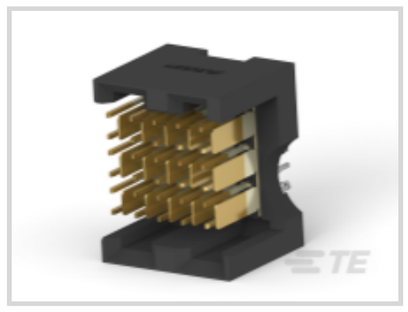
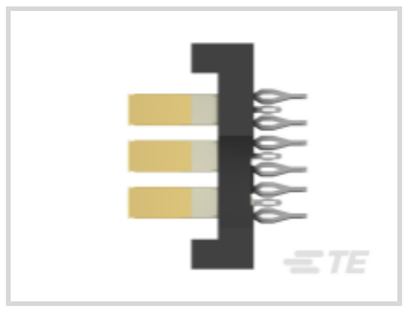
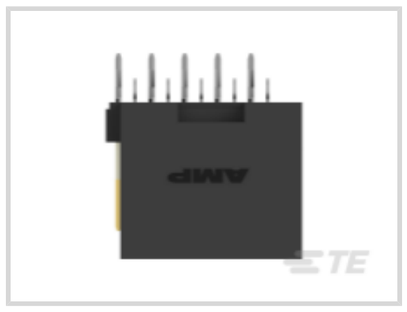
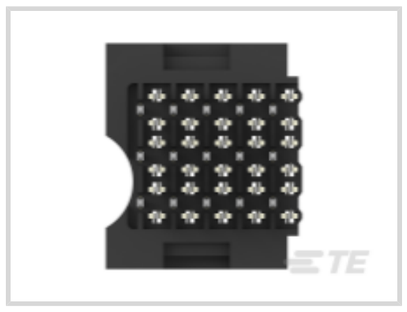
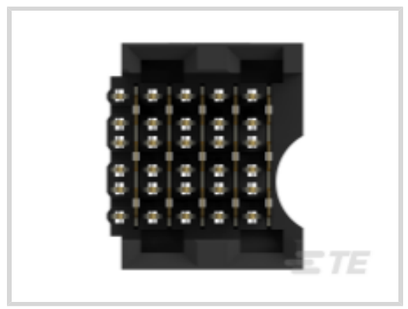
Z-PACK | Z-PACK HS3

TE Internal #: 5120678-2

TE Internal Description: Z-PACK HS3 HDR ASSY 30P LH

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > High Speed Backplane Connectors

Number of Positions: **60**

Row-to-Row Spacing: **2 mm [ .078 in ]**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Number of Rows: **6**

## Features

### Product Type Features

| | |
|---|---|
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector System | Board-to-Board |
| Backplane Module Type | Left |
| PCB Connector Type | PCB Mount Header |
| Shroud Style | Partially Shrouded |

### Configuration Features

| | |
|---|---|
| Backplane Architecture | Traditional Backplane |
| Stackable | No |
| Number of Positions | 60 |
| Number of Rows | 6 |
| Number of Columns | 5 |
| PCB Mount Orientation | Vertical |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 250 VAC |

### Signal Characteristics

| | |
|---|---|
| Number of Differential Pairs per Column | 3 |

## Body Features

| | |
|---|---|
| Guide Pin Style | ESD/HDI |
| Primary Product Color | Black |

## Contact Features

| | |
|---|---|
| PCB Contact Termination Area Plating Material Finish | Matte |
| Contact Mating Area Plating Material Thickness | .5 µm[19.68 µin] |
| Contact Shape & Form | Dual Beam |
| Contact Mating Area Plating Material | Tin (Sn) |
| Contact Mating Area Length | 6.8 mm[.268 in] |
| Contact Base Material | Phosphor Bronze |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Type | Pin |
| Contact Current Rating (Max) | 1.15 A |

## Termination Features

| | |
|---|---|
| Termination Method to PCB | Through Hole - Press-Fit |
| Termination Post & Tail Length | 3.7 mm[.146 in] |

## Mechanical Attachment

| | |
|---|---|
| Guide Hardware | Without |
| PCB Mount Retention | With |
| Mating Retention | Without |
| PCB Mount Retention Type | Action/Compliant Tail |
| Mating Alignment | With |
| Mating Alignment Type | Polarization |
| Connector Mounting Type | Board Mount |

## Housing Features

| | |
|---|---|
| Number of Shrouded Sides | 2 |
| Housing Material | Polyester GF |
| Centerline (Pitch) | 2.5 mm[.098 in] |

## Dimensions

| | |
|---|---|
| PCB Thickness (Recommended) | 1.4 mm |
| Connector Width | 24 mm |

| | |
|---|---|
| PCB Hole Diameter | .05 mm[.001 in] |
| Connector Height | 11.95 mm[.47 in] |
| Connector Length | 14.5 mm[.571 in][.945 in] |
| Row-to-Row Spacing | 2 mm[.078 in] |

## 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 2025 (250)<br>Candidate List Declared Against: JUNE 2022 (224)<br>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 |

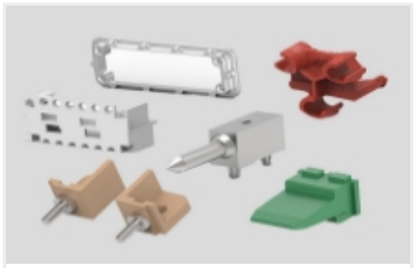
Product Compliance Disclaimer

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

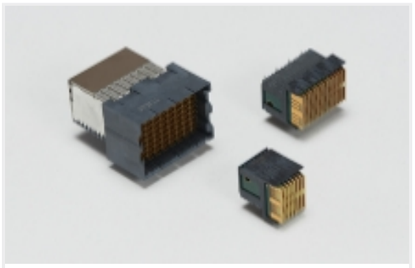
## Also in the Series | Z-PACK HS3



Connector Caps & Covers(2)

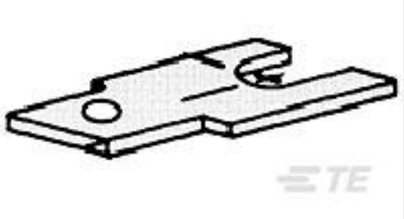


Connector Hardware(1)

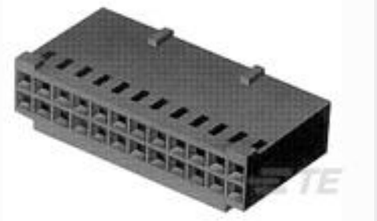


High Speed Backplane Connectors(39)

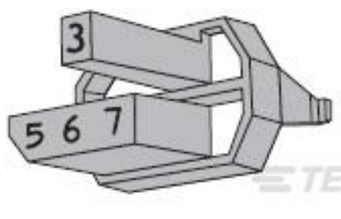
## Customers Also Bought



TE Part #60447-1
250 FASTON TAB BR



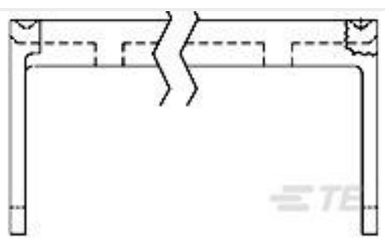
TE Part #87977-1
06 MODIV HSG DR MRKD .100 POL




TE Part #6-100526-9
Z-PACK F.CODING KEY



TE Part #530720-2
MINI BX-RCPT ASSY 50 POS



TE Part #3-1437021-2
609-3431HD=FSKT IDC S 34 SR



TE Part #8-1879215-7
CPF 0402 36K5 0.1% 25PPM 1K RL



TE Part #2110742-1
SFP+ 1x6 Cage and Light Pipe Assy



TE Part #2198224-1
SFP+ Enhanced 1x2, PCI Heatsink



TE Part #5205865-1
09 PLUG RA/MS STD



TE Part #6116173-5
INV MJ,1X1,PNL GRD,SHLD,LED (G/G)

## Documents

### CAD Files

Customer View Model

ENG_CVM_CVM_5120678-2_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5120678-2_B.3d_igs.zip

English

## Customer View Model

ENG_CVM_CVM_5120678-2_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Datasheets & Catalog Pages

High Speed Backplane Connectors catalog - Z-PACK HS3 Connector

English

## Product Specifications

Application Specification

English