

5223513-2 ✓ ACTIVE

Z-PACK | Z-PACK Future Bus+

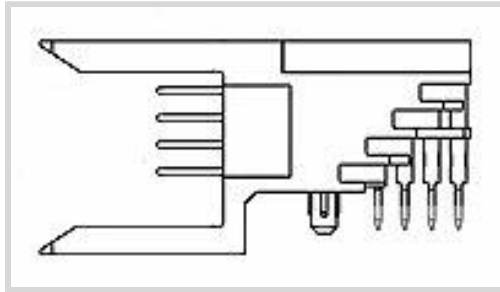
TE Internal #: 5223513-2

Backplane Connector Housings, Board-to-Board, 48 Position, 2 mm Centerline, 4 Row, 12 Column, Housing for Male Terminals, Sealable, Z-PACK Future Bus+

[View on TE.com >](#)



[Connectors](#) > [PCB Connectors](#) > [Backplane Connectors](#) > [Backplane Connector Housings](#)



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

Number of Positions: **48**

Centerline (Pitch): **2 mm**

Row-to-Row Spacing: **2 mm**

Number of Rows: **4**

Features

Product Type Features

| | |
|-----------------------------------|----------------------------|
| Connector System | Board-to-Board |
| Connector & Housing Type | Housing for Male Terminals |
| Sealable | Yes |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|---------------------|----|
| Number of Positions | 48 |
| Number of Rows | 4 |
| Number of Columns | 12 |

Contact Features

| | |
|------------------------------|-----|
| Contact Current Rating (Max) | 1 A |
|------------------------------|-----|

Mechanical Attachment

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

Housing Features

| | |
|--------------------|------|
| Centerline (Pitch) | 2 mm |
|--------------------|------|

Dimensions

| | |
|--------------------|------|
| Row-to-Row Spacing | 2 mm |
|--------------------|------|

Usage Conditions

| | |
|--|--|
| | |
|--|--|

| | |
|-----------------------------|--------------|
| Operating Temperature Range | -55 – 125 °C |
|-----------------------------|--------------|

Operation/Application

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

Product Compliance


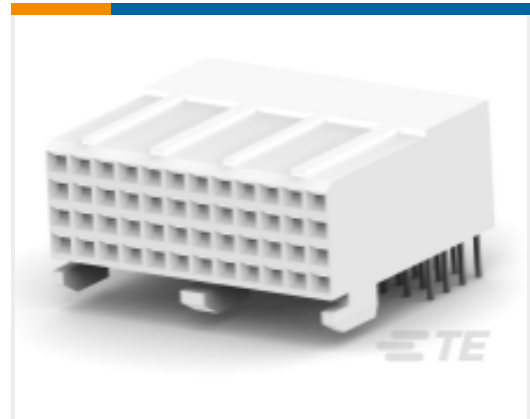

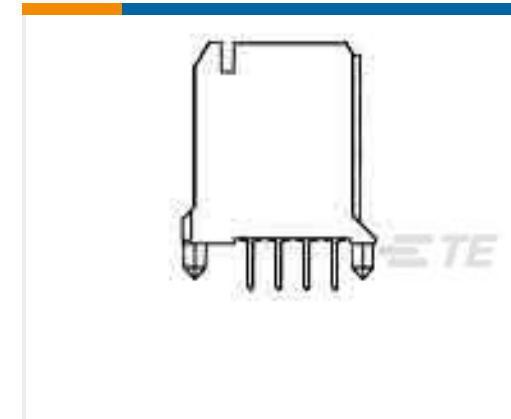
[For compliance documentation, visit the product page on TE.com>](#)

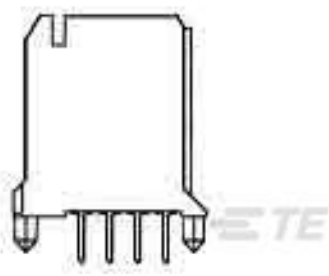
| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Pin-in-Paste capable to 260°C |

Product Compliance Disclaimer

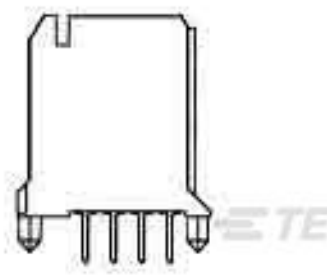
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

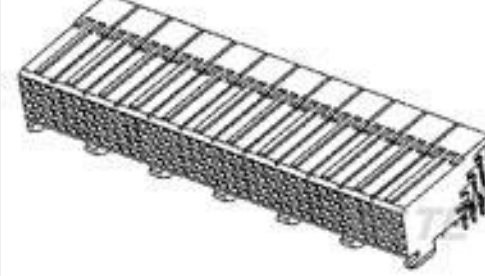
| | | | |
|---|--|---|---|
|  <p>TE Part # 5536507-2 2MM FB,ASY,048,SIG,REC,SL,2.73</p> |  <p>TE Part # 5536511-2 2MM FB,ASY,048,SIG,REC,EN,3.55</p> |  <p>TE Part # 5536510-2 2MM FB,ASY,048,SIG,REC,SL,3.53</p> |  <p>TE Part # 5223650-2 2MM FB,4RV,REC,ASY,048,PF,4.25</p> |
|---|--|---|---|



TE Part # 5223655-2
2MM FB,4RV,REC,ASY,048,SL,4.25

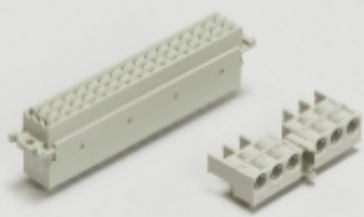


TE Part # 5223660-2
2MM FB,4RV,REC,ASY,048,SL,3.20



TE Part # 536510-2
2MM FB,ASY,048,SIG,REC,SL,3.53

Also in the Series | Z-PACK Future Bus+



Backplane Connector Housings(19)



Hard Metric Backplane Connectors(1)

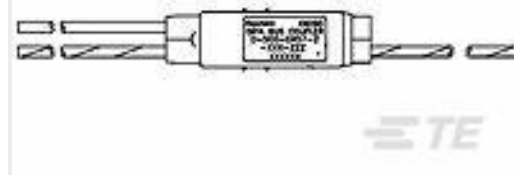


Rectangular Power Connectors(35)

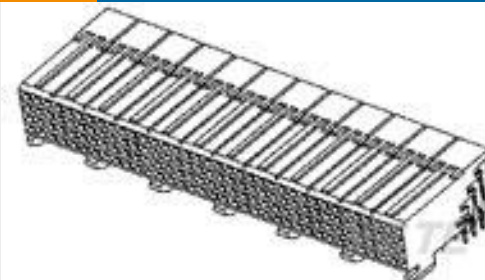
Customers Also Bought



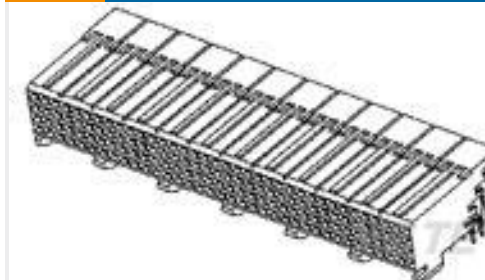
TE Part #1-1462052-9
HF6 95=50OHM140MW 9V BIST 2COIL



TE Part #903575-000
D-500-0457-2-612-240

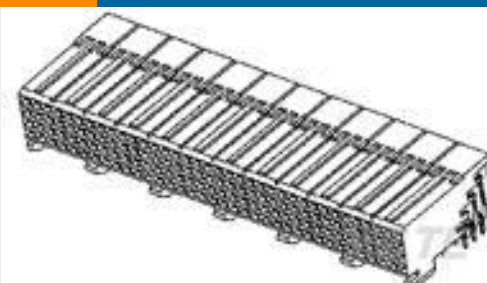


TE Part #5536510-1
2MM FB,ASY,264,SIG,REC,SL,3.53



TE Part #5536510-3
2MM FB,ASY,096,SIG,REC,SL,3.53

TE Part #1393586-8
V23535A2200A102=BKMOD421
HEADE



TE Part #5536510-2
2MM FB,ASY,048,SIG,REC,SL,3.53

TE Part #1-1393586-7
V23535A2200A202=BKMOD421
HEADE

TE Part #1618239-1
K40P-01=RELAY, VAC SPST LATCHING

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_5223513-2_O.2d_dxf.zip](#)

English



Customer View Model

[ENG_CVM_CVM_5223513-2_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5223513-2_O.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_5223513-2_030720171129_dmtec](#)

English

[MD_5223513-2_030720171129_dmtec](#)

English

Agency Approvals

[UL Report](#)

English