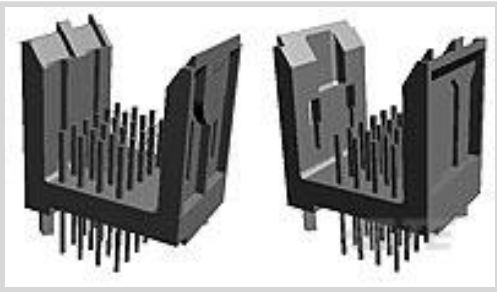




Connectors > PCB Connectors > Backplane Connectors > Backplane Connector Housings



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

Number of Positions: **192**

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 | 192 |
| Number of Rows      | 4   |
| Number of Columns   | 48  |

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 2023 (235)<br>Candidate List Declared Against: JAN 2022 (223)<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                     | 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



TE Part # 5536507-4  
2MM FB,ASY,192,SIG,REC,SL,2.73

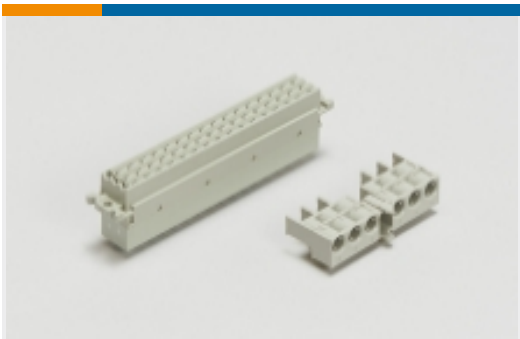


TE Part # 5536511-4  
2MM FB,ASY,192,SIG,REC,EN,3.55

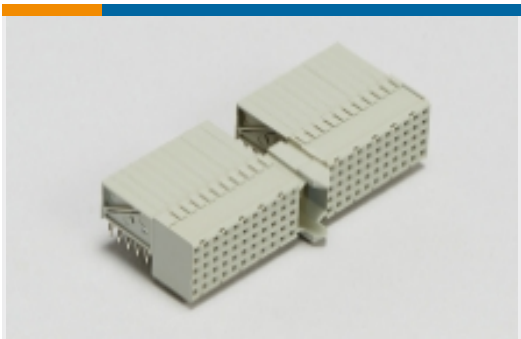


TE Part # 5536510-4  
2MM FB,ASY,192,SIG,REC,SL,3.53

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 #2-178288-3  
DYNAMIC D3100 REC HSG 3P (SGL) Y



TE Part #1-1415899-3  
RZ03-1A4-D005



TE Part #66505-9  
SOCKET CONTACT, 20 DF



TE Part #1-1337481-0  
SMB R/A PCB Skt 50Ohm Gold Plt



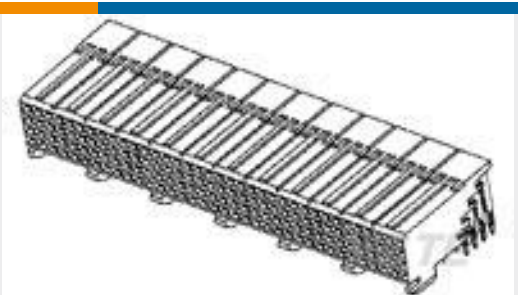
TE Part #5-747904-5  
9 Plug Solder Cup, 30 gold, Ro



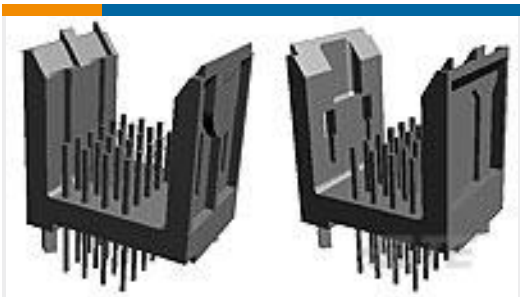
TE Part #7-87499-2  
01 MODIV HSG COMP SR .100CL



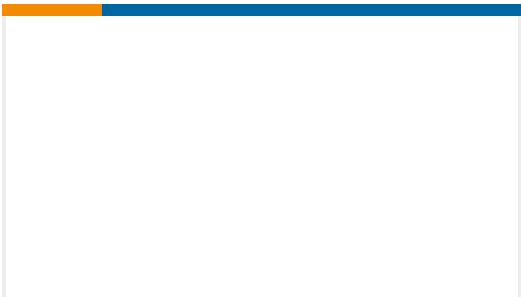
TE Part #1-2176341-9  
CRGCQ 0805 330R 1%



TE Part #5536507-4  
2MM FB,ASY,192,SIG,REC,SL,2.73



TE Part #5536536-2  
2MMFB,ASY,048,SIG,HDR,SL,3.20



TE Part #2-1991136-0  
GROMMET STRIP SIZE 3 NATURAL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5536513-4\_O.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5536513-4\_O.3d\_igs.zip





English

Customer View Model

[ENG\\_CVM\\_CVM\\_5536513-4\\_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

Agency Approvals

[UL Report](#)

English