5223514-2 ✔ ACTIVE

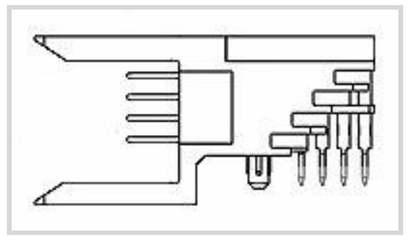
Z-PACK | Z-PACK Future Bus+

TE Internal #: 5223514-2

48 Position Backplane Connector Housing, Board-to-Board, 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



Number of Positions: **48**

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

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

Number of Rows: **4**

Number of Columns: **12**

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	-67 – 257 °C[-67 – 257 °F]

Operation/Application

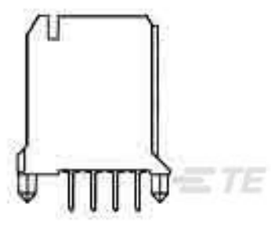
Circuit Application	Signal

Product Compliance

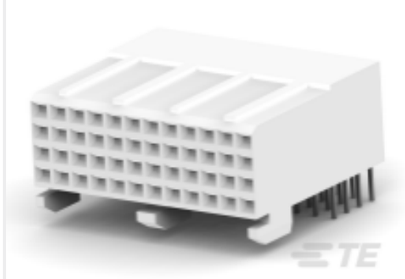
For compliance documentation, visit the product page on TE.com>

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

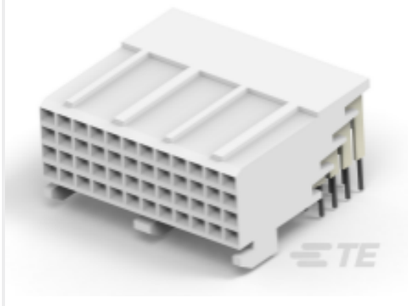
Compatible Parts



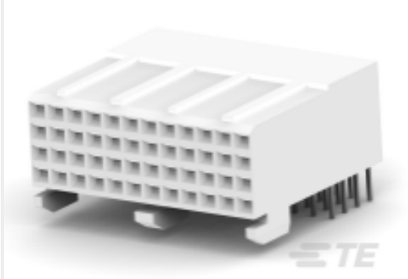
TE Part # 5223650-2
2MM FB,4RV,REC,ASY,048,PF,4.25



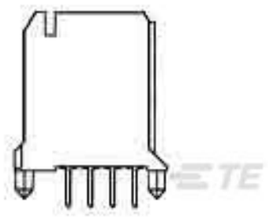
TE Part # 5536511-2
2MM FB,ASY,048,SIG,REC,EN,3.55



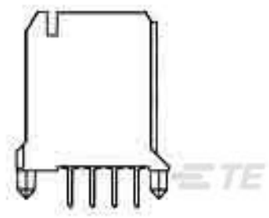
TE Part # 5536507-2
2MM FB,ASY,048,SIG,REC,SL,2.73



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

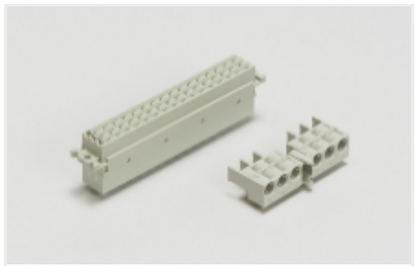


TE Part # 5223655-2
2MM FB,4RV,REC,ASY,048,SL,4.25

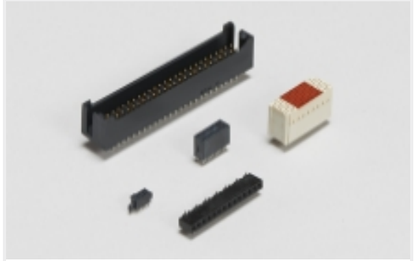


TE Part # 5223660-2
2MM FB,4RV,REC,ASY,048,SL,3.20

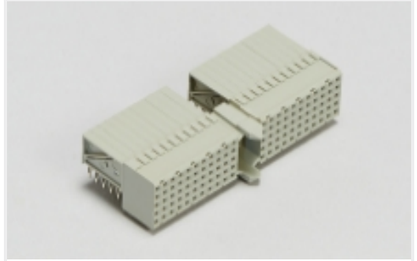
Also in the Series | Z-PACK Future Bus+



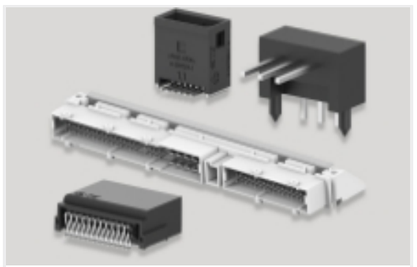
Backplane Connector Housings(19)



Board-to-Board Headers & Receptacles(14)



Hard Metric Backplane Connectors(1)



PCB Headers & Receptacles(14)

Rectangular Power Connectors(14)

Customers Also Bought

TE Part #749806-7
KIT,HDP-20,RCPT,SIZE 1, 9 POSN

TE Part #749806-9
KIT,HDP-20,RCPT,SIZE 3, 25 POS

Documents

Product Drawings

2MM FB,IS,ASY,048,SIG,HDR,SL

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5223514-2_O1.2d_dxf.zip

English

Customer View Model

ENG_CVM_5223514-2_O1.3d_igs.zip

English

Customer View Model

ENG_CVM_5223514-2_O1.3d_stp.zip

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English