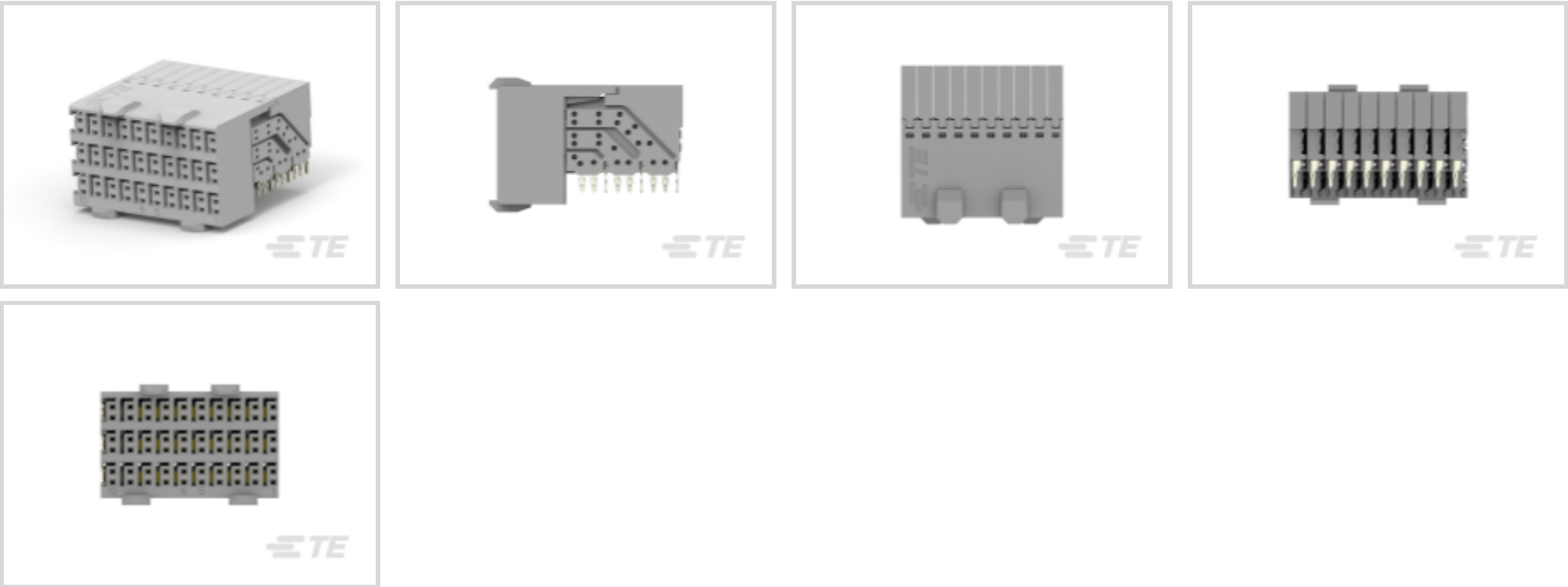




Connectors > PCB Connectors > Backplane Connectors > High Speed Backplane Connectors



Number of Positions: 60
Row-to-Row Spacing: 1.5 mm [.059 in]
Mating Alignment: With
Mating Alignment Type: Polarization
Number of Rows: 6

Features

Signal Characteristics

Data Rate	10 Gb/s
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Electrical Characteristics

Operating Voltage	250 VAC
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Industry Standards

UL Flammability Rating	UL 94V-0
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Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	2.2 mm[.086 in]

Body Features

Shield Material	Phosphor Bronze
Primary Product Color	Gray

Packaging Features

Packaging Method	Tube
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Contact Features

Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]
Contact Layout	Matrix
Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Nickel Silicon
Contact Type	Receptacle
Contact Current Rating (Max)	.7 A

Housing Features

Housing Material	Polyester - GF
Centerline (Pitch)	2.5 mm[.098 in]

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board
PCB Connector Assembly Type	PCB Mount Receptacle
Shroud Style	Fully Shrouded

Dimensions

Connector Width	23.43 mm[.922 in]
Connector Height	14.85 mm[.584 in]
Connector Length	24.95 mm[.988 in]
Row-to-Row Spacing	1.5 mm[.059 in]

Configuration Features

Number of Pairs	3
Number of Ground Positions	30
Number of Signal Positions	60
Pairs per Column	3
Number of Positions	60
Number of Rows	6
Number of Columns	10
PCB Mount Orientation	Right Angle
Guide Location	Unguided

Mechanical Attachment

Mating Alignment	With
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Mating Alignment Type	Polarization
Connector Mounting Type	Board Mount

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Compliant with Exemptions

Product Compliance

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


EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (13% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

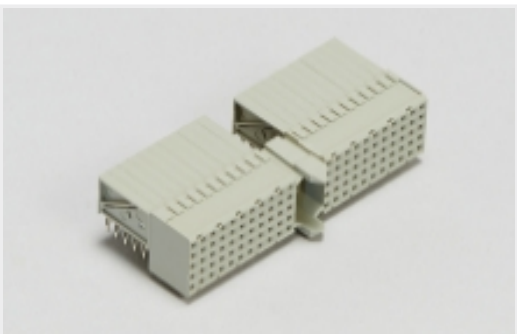


TE Part # 1673952-1
REMOVAL TL,CHICLET,HMZD,3 PR

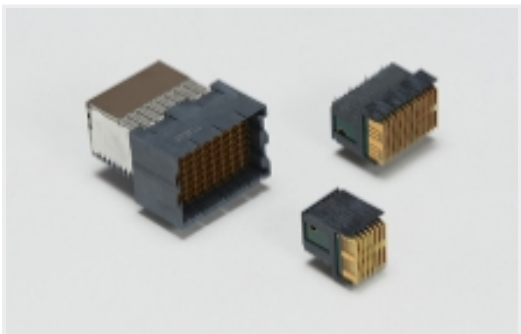


TE Part # 1583224-1
TOOL,REMOVAL,HMZD RECEPT.
HOUS


Also in the Series | Z-PACK HM-Zd



Hard Metric Backplane Connectors(1)




High Speed Backplane Connectors(46)




Insertion & Extraction Tools(1)


Customers Also Bought




TE Part #CAT-314-PCB64
Free Height Plug Connector: Board-Board, Vertical, 64, 1mm




TE Part #352131-1
Z-PACK/B RAMH.110P.




TE Part #3-1393253-8
W68-X2Q12-5=M6/M7/M9/W6/W7




TE Part #207437-3
CONTACT, SOCKET




TE Part #3-1761603-2
IDC LOW PRO HDR 36P VERT BLUE



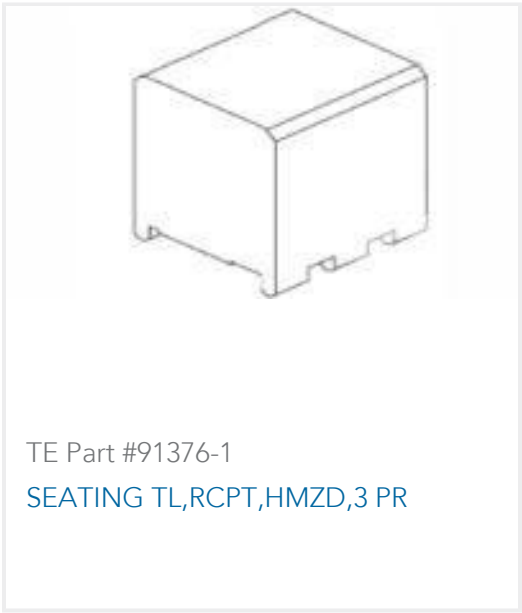
TE Part #1614979-1
LR0204 1% 10R



TE Part #234064-E
STVBTL BUT 100 CSI 2026 207 * J 2
34093



TE Part #374380-E
STVTE 160 FI ABCDE VVVV 7-03 TL-S
** 2



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1469081-2_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1469081-2_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1469081-2_G.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