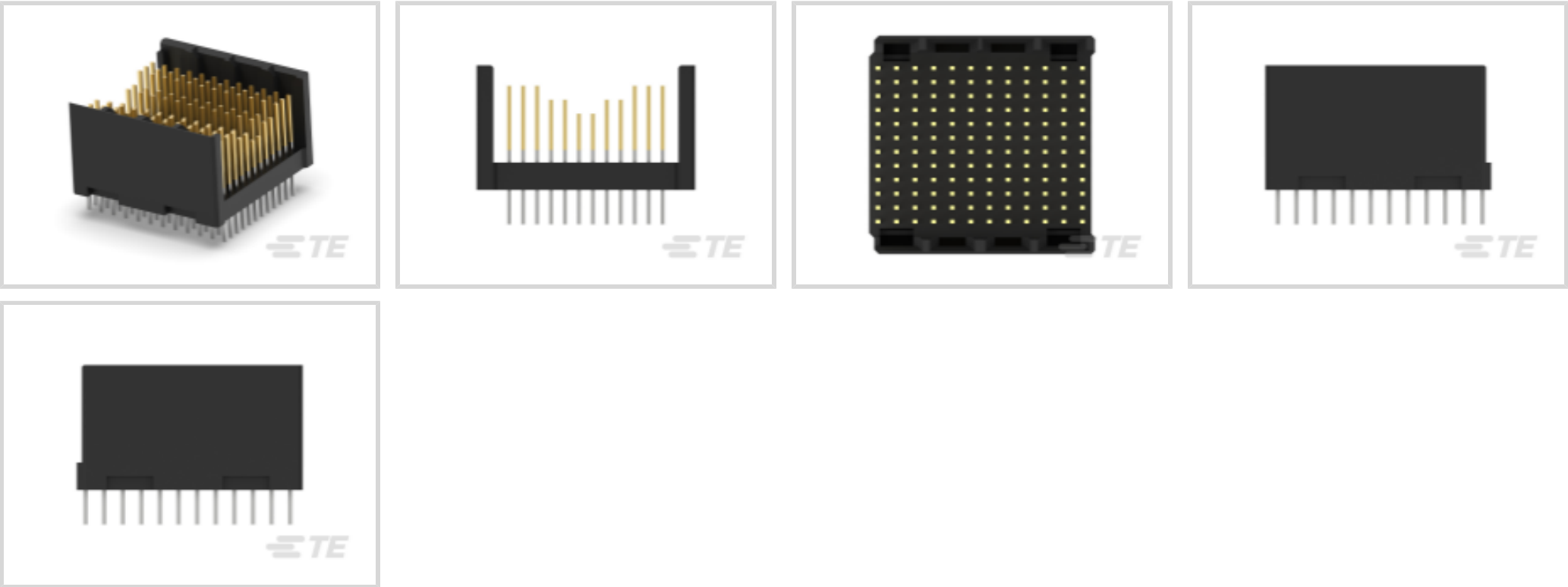




Connectors > PCB Connectors > Backplane Connectors > High Speed Backplane Connectors



Number of Positions: 144
Mating Alignment: With
Mating Alignment Type: Polarization
Number of Rows: 12
Number of Columns: 12

Features

Product Type Features

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

Configuration Features

Number of Signal Positions	144
Number of Positions	144
Number of Rows	12
Number of Columns	12
PCB Mount Orientation	Vertical
Guide Location	Unguided

Contact Features

Contact Current Rating (Max)	.7 A
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Mechanical Attachment



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

Housing Features

Number of Shrouded Sides	2
Centerline (Pitch)	2 mm[.079 in]

Dimensions

	2 in
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Tube
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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	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>

Compatible Parts

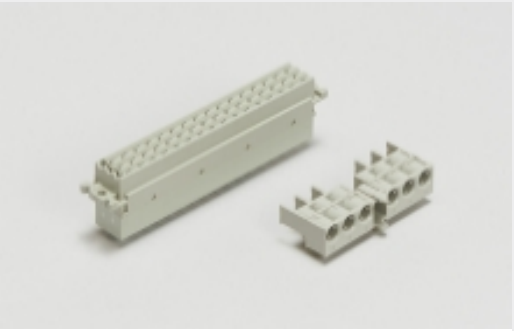


TE Part # 1645569-1
12 ROW HM RA REC ASY 072P LFT

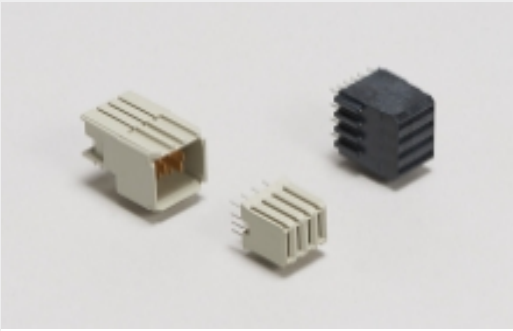


TE Part # 1645568-1
12 ROW HM RA REC ASY 144P CTR


Also in the Series | Z-PACK 2mm HM



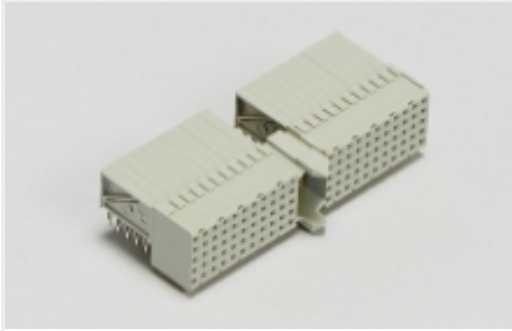
Backplane Connector Housings(4)




Backplane Power Connectors(1)



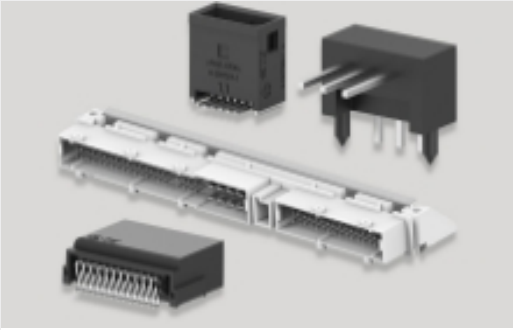
Connector Caps & Covers(62)




Hard Metric Backplane Connectors (266)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(46)



Rectangular Power Connectors(46)

Customers Also Bought



TE Part #34110
SOLIS R 22-16 COMM 22-18 MIL 6



TE Part #91515-1
CCII TYPE III+ MNL PIN SKT 30-20 ASSY

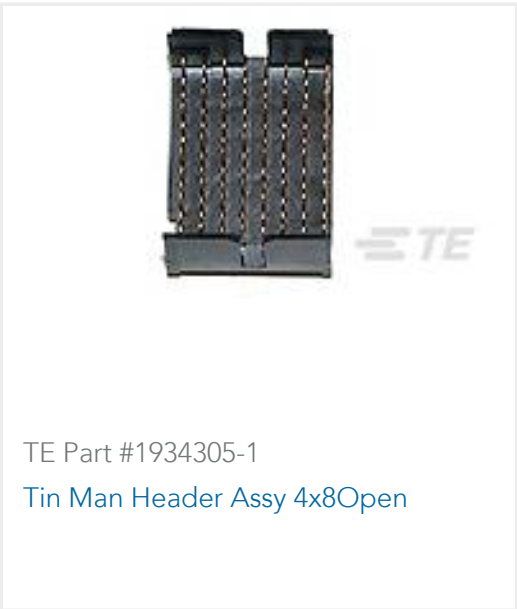


TE Part #86016-1
MOD IV RECP LP




TE Part #5536019-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-FREE,96 PO







TE Part #1934305-1
Tin Man Header Assy 4x8Open




TE Part #1658694-1
AMP-LATCH UNV HDR,20 POSN,VERT




TE Part #1053372-1
2062 8001 90,OSM JACK, QPL



TE Part #750831-2
.050SR F SCRLK KIT,SL LN,BULK



TE Part #5222462-1
RECEPTACLE,PRESS FIT,COML BNC



TE Part #5-103233-8
18 MODII HDR DRST UNSHRD A/PIN

Documents

Product Drawings
2MMHM HDR ASY,12R SEL/LD 144 P
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1645560-1_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1645560-1_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1645560-1_A.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