



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **4**

Centerline (Pitch): **3 mm [.118 in]**

Features

Product Type Features

Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	4
PCB Mount Orientation	Vertical
Number of Power Positions	4
Number of Signal Positions	1
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	10 A
Contact Retention Within Housing	With
Contact Type	Receptacle



PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Noble Metal
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	3 mm[.118 in]
Housing Color	Gray
Housing Material	LCP (Liquid Crystal Polymer)

Usage Conditions

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

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Box & Tube, 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: JUNE 2022 (224) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Not Yet Reviewed
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 # 5646954-2
UPM EXPANDED PIN ASSY, SEQUENC



TE Part # 5646954-5
UPM EXPANDED PIN ASSY, LF



TE Part # 5646954-3
UPM 4 POSITION HEADER

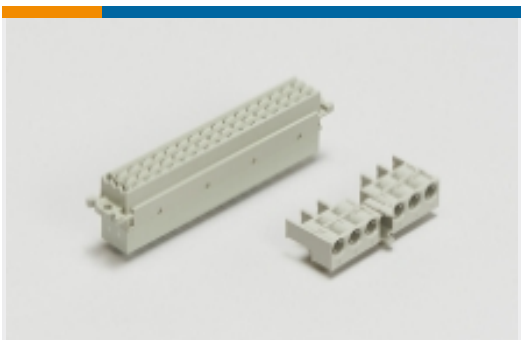


TE Part # 5646954-1
UPM EXPANDED PIN, RA 4P ASSEMBLY

Also in the Series | Z-PACK 2mm HM



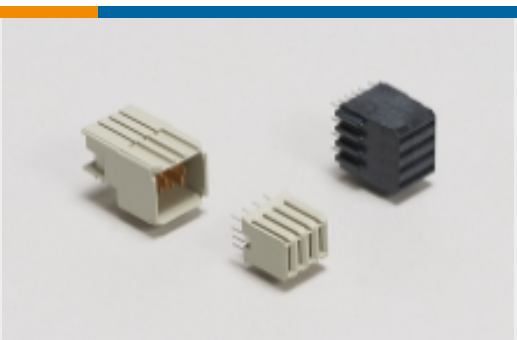
Backplane Coding Keys(60)



Backplane Connector Housings(4)



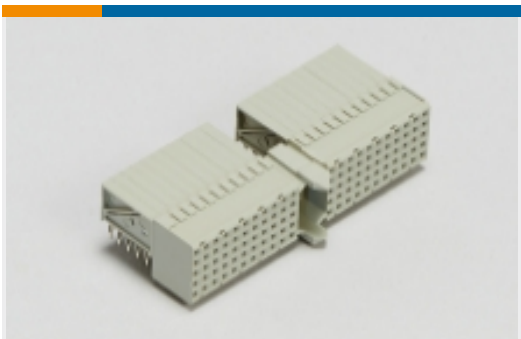
Backplane Guide Hardware(37)



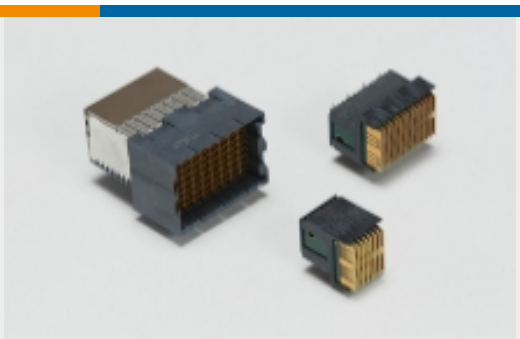
Backplane Power Connectors(6)



Board-to-Board Connector Contacts(2)



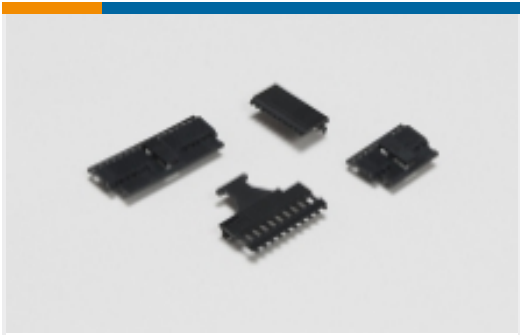
Hard Metric Backplane Connectors (269)



High Speed Backplane Connectors(1)



Insertion & Extraction Tools(2)



PCB Connector Covers(4)



PCB Connector Shrouds(39)



PCB Ferrules & Shields(19)



PCB Latches, Locks & Retainers(1)



Rectangular Power Connectors(87)

Customers Also Bought



TE Part #2-5177986-6
0.8FH,P07H.5,140,08/Sn,TR,SC



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



TE Part #2356426-1
RA REC ASSY 4X4, 92OHM PIR WHISPER R



TE Part #5084616-2
0.8FH,R13H.5,060,08/Sn,TR,SC



TE Part #2187345-1
SW PIR HDR BFP, 85OHM, 8X8 DEW



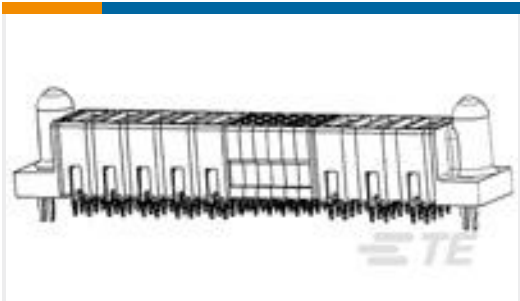
TE Part #1934222-1
Tin Man Recpt Assy 4Pair8Column



TE Part #91369-1
PRO-C TL & DIE SL156 16



TE Part #2204420-8
MULTI-BEAM HD VERTICAL REC. 15S+3P+12S



TE Part #6450541-3
MBXL VERT RCPT 24S+4P



TE Part #2187422-1
SW PIR HDR BFP, 85OHM, 8X6 DEW

Documents



Product Drawings

TE UPM Ver Receptacle 4P STD Power

English

CAD Files

Customer View Model

ENG_CVM_CVM_5223995-1_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5223995-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5223995-1_O.3d_stp.zip

English

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

Datasheets & Catalog Pages

High Speed Backplane Connectors catalog - Z-PACK HM-Zd Connector

English

High Speed Backplane Connectors catalog - Z-PACK HS3 Connector

English

POWER_CONNECTORS_CATALOG_SEC01_BOARD_TO_BOARD

English

2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1

English

Product Specifications

Engineering Report

English

Product Environmental Compliance

MD_5223995-1_100920142159_dmtec

English

MD_5223995-1_100920142159_dmtec

English