



Z-PACK 2mm HM

TE Internal #: 5-5223955-2

Rectangular Power Connectors, Connector Assembly, Receptacle, Board-to-Board, 3 Position, 3 mm [.118 in] Centerline, Z-PACK 2mm HM

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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: **3**

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	3
PCB Mount Orientation	Vertical
Number of Power Positions	3
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Mating Area Plating Material	Gold, Gold Flash over Palladium Nickel
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	16 A



Contact Retention Within Housing	With
Contact Type	Receptacle
PCB Contact Termination Area Plating Material	Tin
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	Thermoplastic

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.



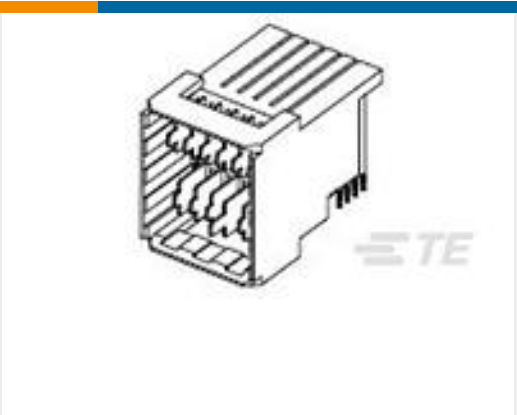
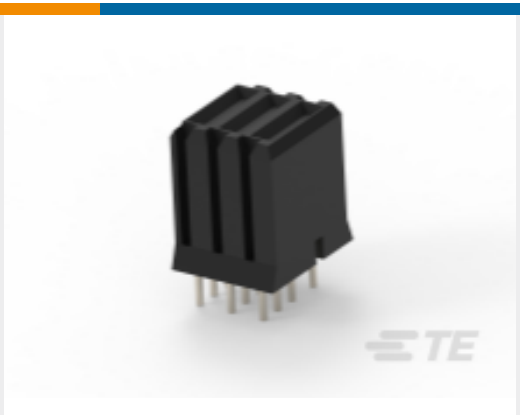
Solder Process Capability

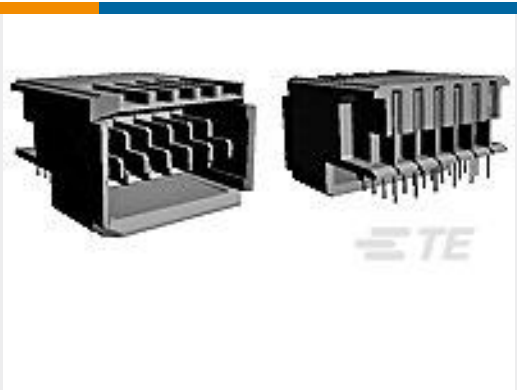
Not applicable for solder process capability

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 # 5-5223961-1 TE UPM R/A Header 3P HC Power, LLL	 TE Part # 1645498-1 UNV,PWR,MDL.3 POS. VERT.HDR, 15MM STACK	 TE Part # 1892711-1 Assy 2x3 MINIPAK HDE seq1	 TE Part # 5-5223963-1 UPM R/A Header 3P HC Power Conn, MLM
 TE Part # 5-5223968-1 TE UPM R/A Header 3P HC Power, LMM	 TE Part # 1892711-2 Assy 2x3 MINIPAK HDE seq1	 TE Part # 1892711-3 Assy 2x3 MINIPAK HDE seq1	 TE Part # 1892731-2 Assy 2x6 MINIPAK HDE seq2
 TE Part # 1926731-2 ASSY 15S4P MINIPAK HDL	 TE Part # 5-5223955-4 UPM VERTICAL REC 3P CONN, HI CURRENT	 TE Part # 5-5223955-5 UPM VER REC POWER, HI CURRENT	 TE Part # 5-5223963-4 UPM R/A Header 3P HC Power Conn. MLM



TE Part # 5-5223974-1
UPM PIN ASSY, HI CURRENT



TE Part # 1645636-1
UPM EXPANDED RCPT ASSEMBLY,
SELECT LOAD



TE Part # 5-1645620-1
UPM RCPT, HI CURRENT



TE Part # 5120950-2
UPM RCPT ASSY W/EON



TE Part # 5646955-7
UPM R/A HEADER 5P POWER
CONNECTOR

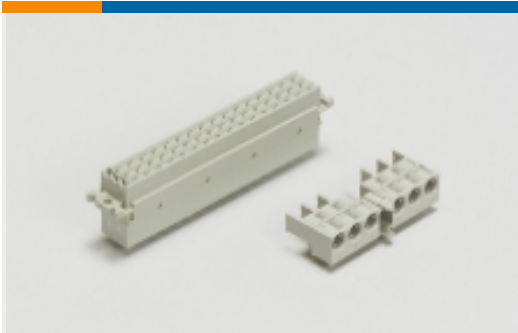


TE Part # 5646956-7
UPM EXPANDED PIN ASSY

Also in the Series | Z-PACK 2mm HM



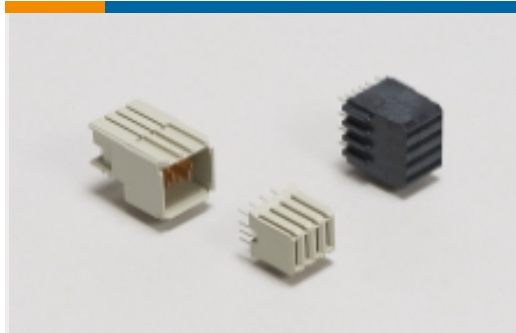
Backplane Coding Keys(60)



Backplane Connector Housings(4)



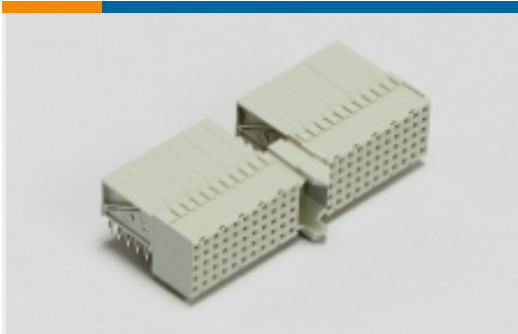
Backplane Guide Hardware(37)



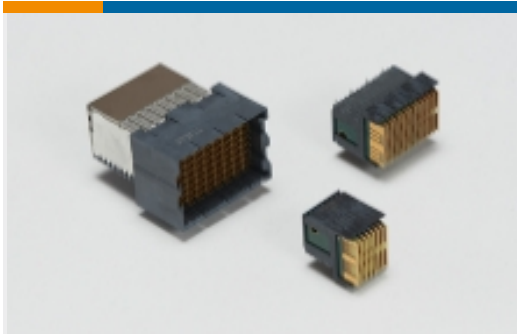
Backplane Power Connectors(6)



Board-to-Board Connector Contacts(2)



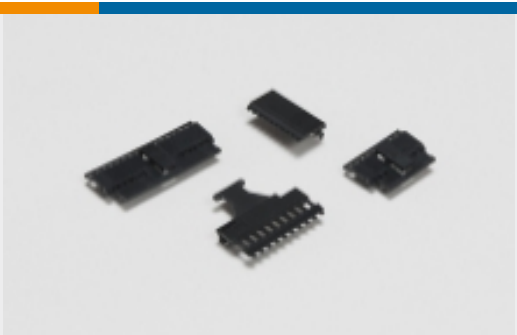
Hard Metric Backplane Connectors
(269)



High Speed Backplane Connectors(1)



Insertion & Extraction Tools(2)



PCB Connector Covers(4)



PCB Connector Shrouds(39)



PCB Ferrules & Shields(19)



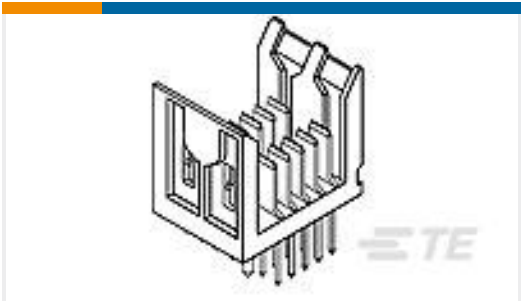
Rectangular Power Connectors(87)

Customers Also Bought

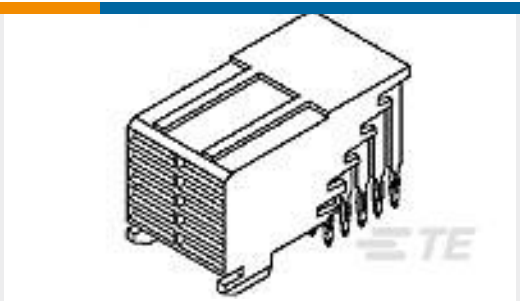




TE Part #5786557-7
68 50SR VRT RCPT,FL TOP,ACT PN



TE Part #5536642-1
FB-5R,ASY,010,PWR,HDR,EN,4.25



TE Part #5536649-1
2MM FB,ASY,010,PWR,REC,EN,SEQ



TE Part #5223985-1
UPM KEYED GUIDE PIN



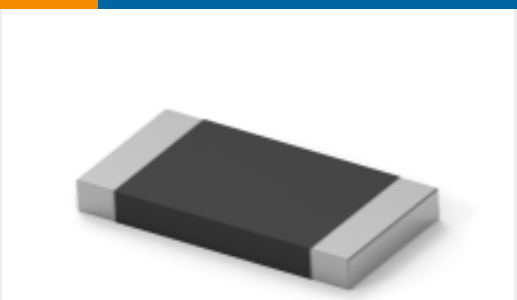
TE Part #2-2176263-4
RN 0402 42K2 0.1% 10PPM 5K RL



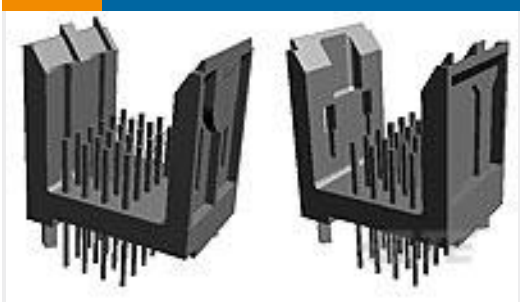
TE Part #1903978-1
POWER MODULE 4POS. REC. ASSY,



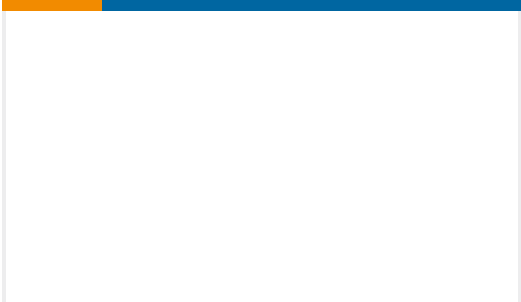
TE Part #2329186-1
HM-EZD+,2PAIRS,10COLS,VERTICAL,
ASSEMBLY



TE Part #8-2176422-3
TLRP 2512 3.0W R006 1% 75PPM 4K RL



TE Part #5536504-1
2MM FB,ASY,024,SIG,HDR,EN,6.50



TE Part #936021-1
SHROUD FOR Z-PACK HM 2MM(11X5)

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-5223955-2_A2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-5223955-2_A2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-5223955-2_A2.3d_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 HS3 Connector

English

POWER_CONNECTORS_CATALOG_SEC01_BOARD_TO_BOARD

English



2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1

English

Product Specifications

Application Specification

English

Application Specification

English

Product Environmental Compliance

MD_5-5223955-2_12282017844_dmtec

English

MD_5-5223955-2_12282017844_dmtec

English