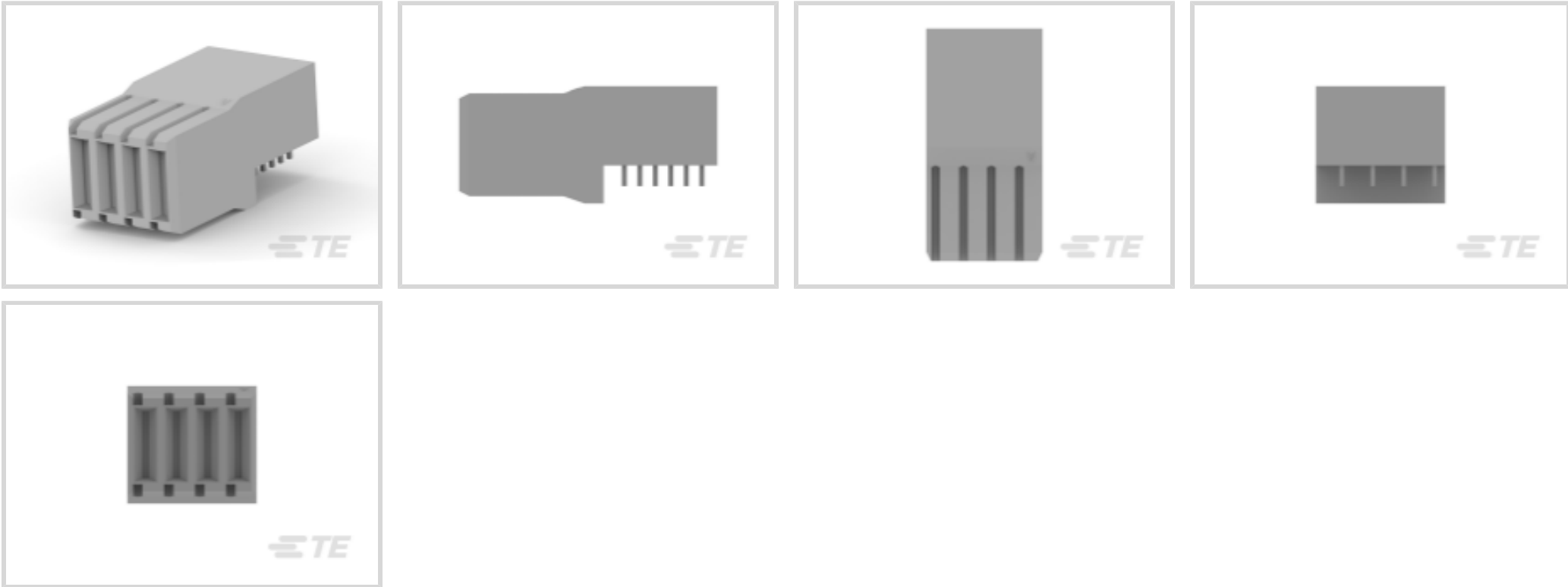




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



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	Right Angle
Number of Power Positions	4
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
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	.5 – 1.25 µm[19.68 – 49.21 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	Polyester GF

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

Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Box & 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

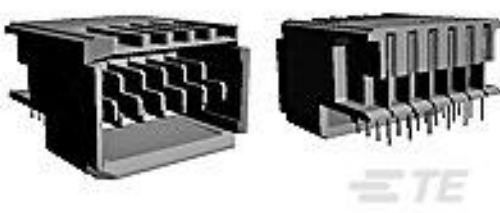


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

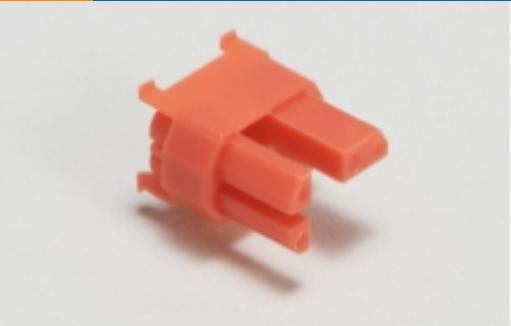
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

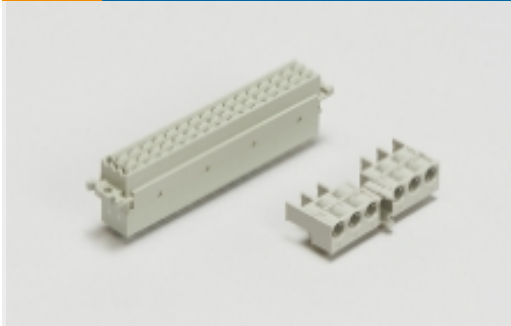


TE Part # 120954-1
TE UPM R/A Header 4P HC Power, LLLL


Also in the Series | Z-PACK 2mm HM



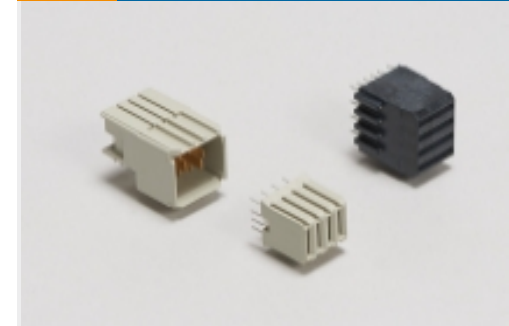
Backplane Coding Keys(60)



Backplane Connector Housings(4)



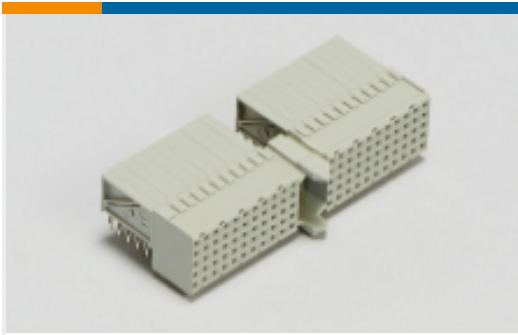
Backplane Guide Hardware(37)



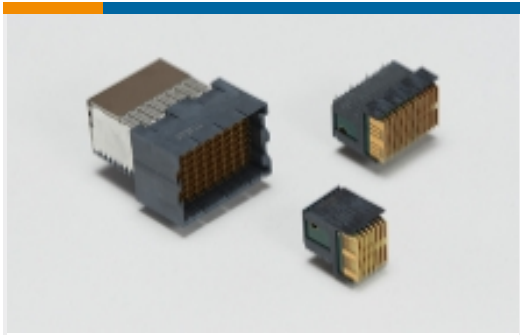
Backplane Power Connectors(6)



Board-to-Board Connector Contacts(2)



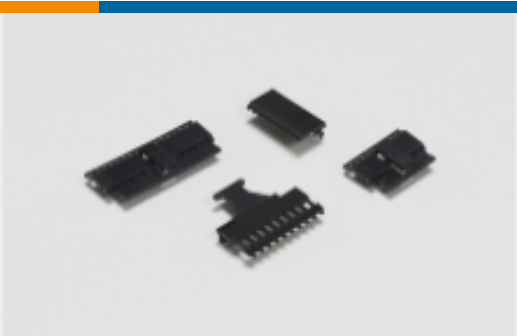
Hard Metric Backplane Connectors (269)



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 #5-5179180-5
0.8FH,R09H.5,120,08/Sn,TR,SC



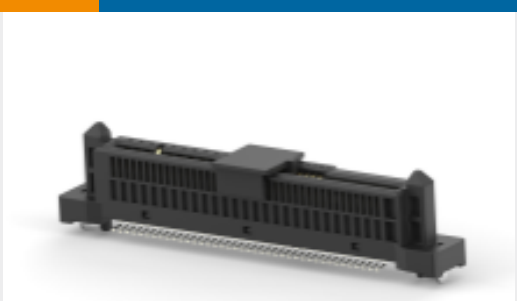
TE Part #180464-2
250 FASTON,FLAG,REC.,14-17AWG, LATON



TE Part #2187726-1
SW PIR HDR BP, 92OHM, 4X6 OEW



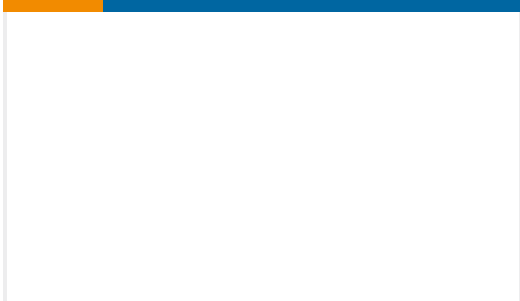
TE Part #1-1462052-0
HF6 73=50 OHM 70MW 5V BISTAB



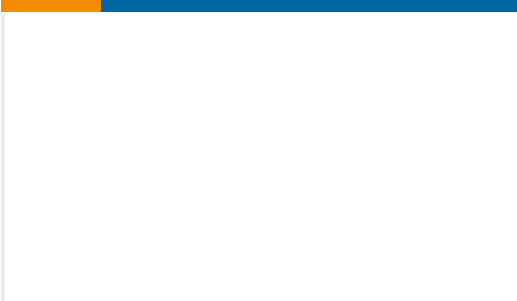
TE Part #2359516-2
SAS/PCIE 4.0 (U.2/U.3) RECEPTACLE, 68POS



TE Part #796136-2
ASSY, SMT BATTERY CONN



TE Part #2373624-4
Rcpt Assy,Diecast Housing,PCle Gen 5



TE Part #2187690-1
SW PIR HDR BP, 92OHM, 6X6 OE



TE Part #2325259-1
RA REC ASSY 4X6, 92OHM PIR WHISPER R

Documents



Product Drawings

UPM R/A REC HC 4P Power Connector

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_120943-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_120943-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_120943-2_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC01_BOARD_TO_BOARD

English

Solutions for AdvancedTCA, AdvancedTCA 300, MicroTCA, and AdvancedMC Standards Datasheet 3-1773445-8

English

2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1

English

Product Specifications

Engineering Report

English

Product Environmental Compliance

MD_120943-2_052120181011_dmtec

English

MD_120943-2_052120181011_dmtec

English