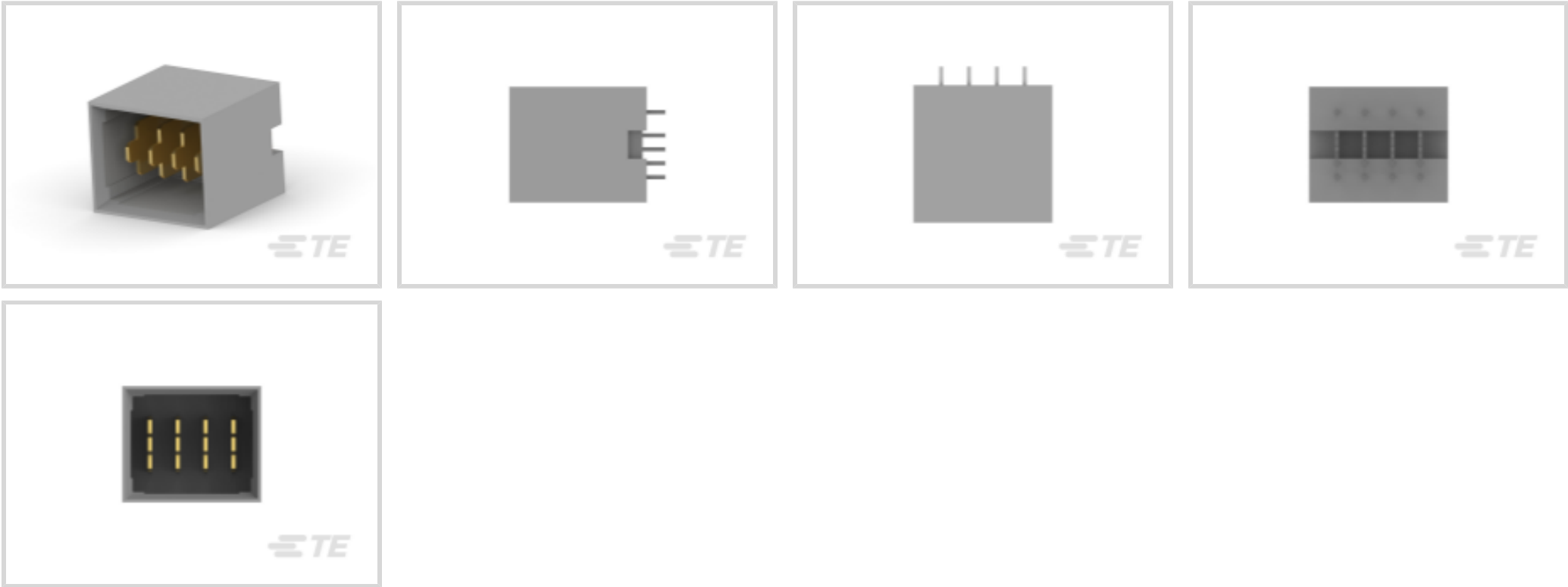




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

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

Number of Positions: **4**

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

Features

Product Type Features

Header Type	Fully Shrouded
Rectangular Power Connector Type	Header
Connector & Housing Type	Plug
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	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	48 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	Blade
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]

Termination Features

Termination Method to PCB	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	PBT 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

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 2024 (241)
Candidate List Declared Against: JUNE 2024 (241)
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 # 120953-1
TE UPM Ver Receptacle 4P HC Power

Customers Also Bought

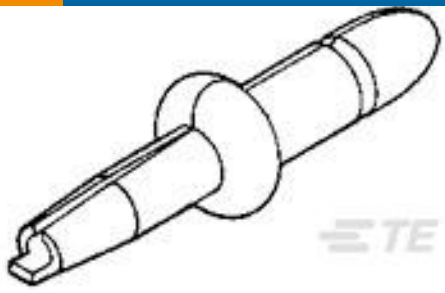
TE Part #1-2199298-2
8P,DIP SKT,300 CL,LDR,PB FREE

TE Part #1-1879463-8
RL73H 2E R51 1% 5K RL

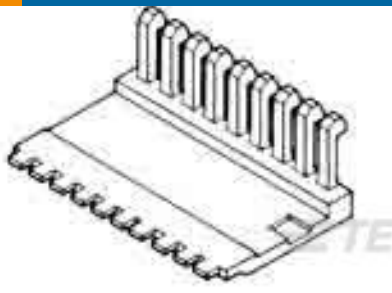
TE Part #6-103168-1
26 MODII HDR DRST SHRD .100CL

TE Part #102681-3
16 AMPMODU MT COVER DR .100CL





TE Part #60874-1
.058 PCB PIN PTPPHBZ



TE Part #1-102536-1
26 AMPMODU MT COVER DR .100CL



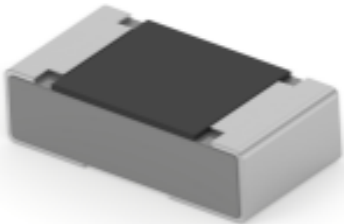
TE Part #2176554-1
3430 A2 Jumper 1k RL



TE Part #CONMMCX001
MMCX Jack 50 Ohm PCB Through Hole



TE Part #CONMMCX012
MMCX Jack 50 Ohm Cable Crimp



TE Part #4-2176479-6
RA73F 1J 150R 0.1% 5K RL

Documents

Product Drawings
UNV,PWR,MDL.4 POS. VERT.HDR,15MM STACK
English

CAD Files
Customer View Model
ENG_CVM_CVM_1645498-2_A.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1645498-2_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1645498-2_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
1-1773718-4_POWER_CONNECTORS_QRG_CN
1-1773718-5_POWER_CONNECTORS_QRG_TCN
1-1773718-6_POWER_CONNECTORS_QRG_JA
Japanese
2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1



English

[Product Specifications](#)

[Engineering Report](#)

English