



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **2**

Centerline (Pitch): **5.08 mm [.2 in]**

Features

Product Type Features

Header Type	Fully Shrouded
Rectangular Power Connector Type	Header
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	2
PCB Mount Orientation	Right Angle
Number of Power Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features



Multiple Contact Types	Without
Contact Layout	Inline
Contact Current Rating (Max)	12 A
Contact Retention Within Housing	Without
Contact Type	Pin
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material	Pre-Tin
Contact Mating Area Plating Material Thickness	3.81 – 5.08 µm[150 – 200 µin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

PCB Mount Alignment Type	Locating Posts
Strain Relief	Without
Mating Alignment Type	Polarization
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Connector Mounting Type	Board Mount
Mating Retention	With
Mating Retention Type	Detent Lock

Housing Features

Centerline (Pitch)	5.08 mm[.2 in]
Housing Color	Natural
Housing Material	Nylon

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire



UL Rating	Certified, Recognized
Agency/Standard Number	E28476
CSA File Number	LR16455
VDE Tested	No
Agency/Standard	CSA, UL

Packaging Features

Packaging Method	Bag
Packaging Quantity	100

Other

For Use With	Socket (Plug) Housing
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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: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

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 # 1-480318-0
02P CMNL PLUG HSG F/H NATL

TE Part # 1-480318-9
02P CMNL PLUG HSG F/H BLK

TE Part # 1-480318-4
02P CMNL PLUG HSG F/H YELL

TE Part # 1-480724-0
02P CMNL CAP HSG F/H D/L NATL

TE Part # 174520-1
4P CMNL PIN HDR ASSY V

TE Part # 770149-1
04P CMNL PIN HDR ASSY R/A

TE Part # 827001-2
4P MNL STIFTSOCKEL

TE Part # 794120-2
02P CMNL PC HDR ASSY RA V0

TE Part # 794697-1
04P CMNL HDR ASSY R/A PC NATL

Also in the Series | Commercial MATE-N-LOK

Connector Contacts(26)

Crimp Wire Pins, Tabs & Ferrules(3)

Insertion & Extraction Tools(5)

Power Contacts(129)

Rectangular Caps & Covers(2)

Rectangular Connector Housings(17)

Rectangular Connector Seals(1)

Rectangular Power Connectors(170)



Standard Circular Connectors(4)



Standard Rectangular Connectors(10)



Wire-to-Board Connector Contacts(1)

Customers Also Bought



TE Part #8-338069-8
MICRO-MATCH SMD FTE



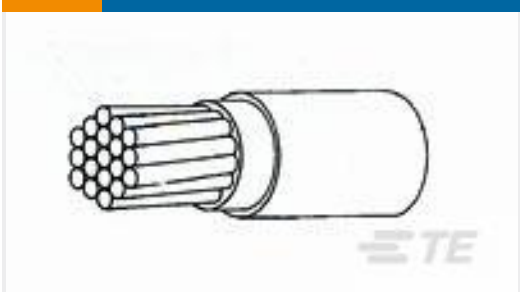
TE Part #292172-6
CT POST HDR ASSY 6P IN-TUBE BL



TE Part #2-1625999-7
HSC100 2R7 5%



TE Part #1-2176092-8
RP 2A 0.25W 1K0 0.1% 25PPM 1K RL



TE Part #282020-018
44A0111-20-0



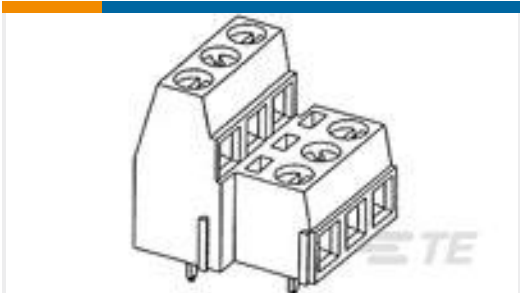
TE Part #1-776276-2
8POS,PIN DIA 1.3,HDR ASSY,180DEG, SLDR



TE Part #5-2176070-4
3521 1K6 1% 2W



TE Part #2-1437658-1
8PCV-08-006=#8 TRIBARRIER



TE Part #796984-8
8 POS TERMI-BLOK PCB MOUNT 1&2



TE Part #973046-E
ERMZD 2-10 F 20 EE 1,8 * 247 050 24,9 *

Documents

Product Drawings
02P CMNL PC HDR ASSY RA
English

CAD Files
Customer View Model
ENG_CVM_794120-1_C.3d_stp.zip
English
Customer View Model



[ENG_CVM_794120-1_C.2d_dxf.zip](#)

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Customer View Model

[ENG_CVM_CVM_794120-1_G.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_794120-1_04292014729_dmtec](#)

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Agency Approvals

[Agency Approval Document](#)

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