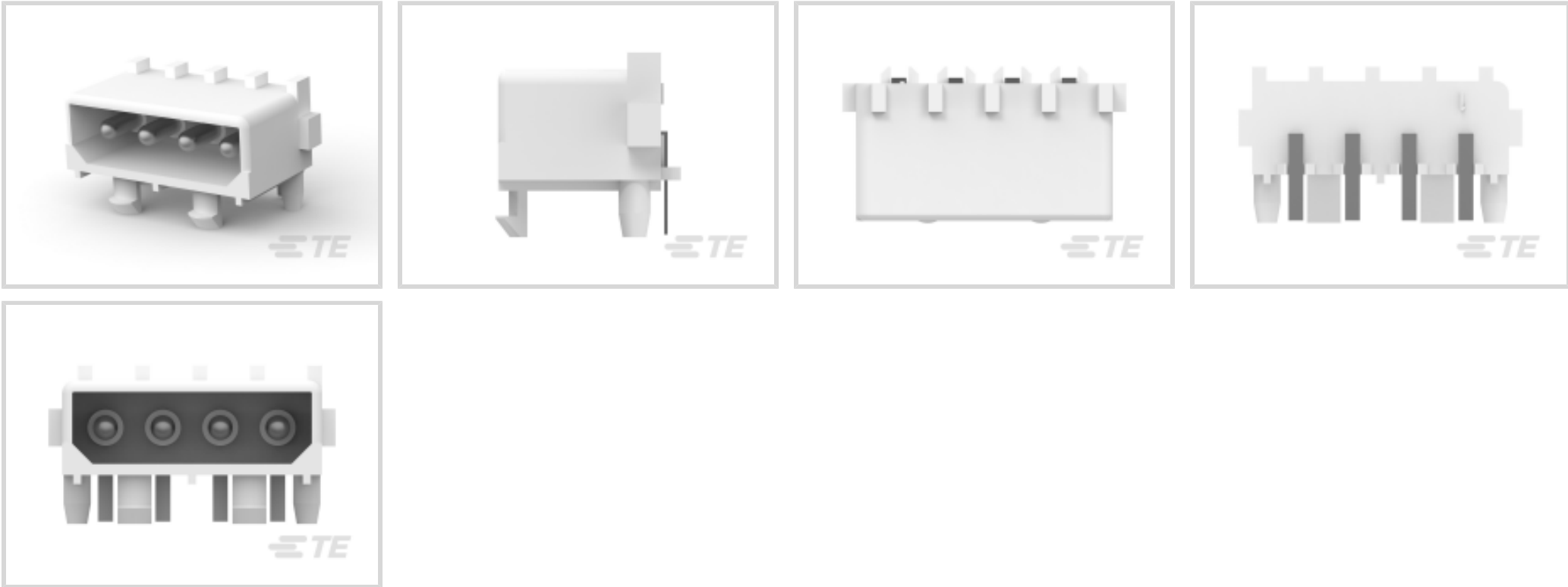




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **4**

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	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 VAC
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Contact Features

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

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

PCB Mount Alignment Type	Locating Posts
Mating Alignment Type	Polarization
Mating Retention	Without
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Connector Mounting Type	Board Mount

Housing Features

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

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 Rating	Recognized
Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-2



Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

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: JAN 2023 (233) 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	Hand solderable with tin/lead solder

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 # 770846-1
04P CMNL HDR ASSY R/A BLK HT

TE Part # 1-641737-1
04P CMNL HDR ASSY R/A V0

TE Part # 643488-1
03P CMNL HDR ASSY R/A

TE Part # 1586534-2
04P CMNL HDR ASSY SHORT LF



TE Part # 794120-1
02P CMNL PC HDR ASSY RA



TE Part # 174804-1
M-N-L PIN HDR W/FIX BELT H 4P



TE Part # 770829-1
04P CMNL HDR R/A BLK HT T/L



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



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 Caps & Covers(2)



Connector Contacts(150)



Connector Seals & Cavity Plugs(1)



Crimp Wire Pins, Tabs & Ferrules(2)



Insertion & Extraction Tools(3)



Rectangular Connector Housings(9)



Rectangular Power Connectors(166)



Standard Circular Connectors(2)

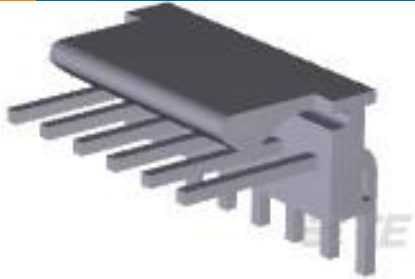


Standard Rectangular Connectors(7)

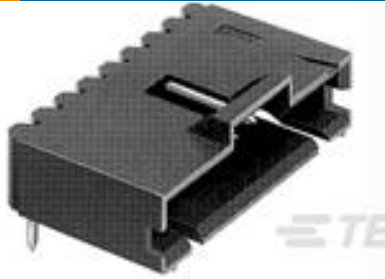
Customers Also Bought



TE Part #1-338170-2
25P.HDP20 PLUG ASSY



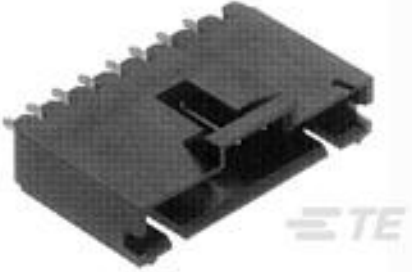
TE Part #640457-6
06P MTA100 HDR ASSY SQ R/A F/L



TE Part #5-104935-3
03 MTE HDR SRRA LATCH



TE Part #1-1393560-8
V42254A 122V 1=SUB D BOLZENZA



TE Part #5-103735-1
02 MTE HDR SRST LATCH .100CL



TE Part #5-1614881-9
CPF 0603 100R 0.1% 25PPM 5K RL



TE Part #2176089-5
RP 1J 0.166W 11K3 0.1% 25PPM 1K RL



TE Part #1-1879215-1
CPF 0402 5K11 0.1% 25PPM 1K RL



TE Part #1879246-3
RN 0603 5K0 1% 5PPM 5K RL



TE Part #154741-E
SMCQ 26 F AB VV 7-03 CL * 0007 137 E002

Documents

Product Drawings
4P MNL STIFTSOCKEL

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_827001-2_G.3d_igs.zip

English

Customer View Model
ENG_CVM_827001-2_G.3d_stp.zip

English

Customer View Model
ENG_CVM_827001-2_G.2d_dxf.zip

English

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

Product Specifications



Application Specification

English

Application Specification

English