



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**
Connector & Housing Type: **Plug**
Connector System: **Cable-to-Cable, Cable-to-Panel**
Number of Positions: **160**
Centerline (Pitch): **3.81 mm [.15 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Cable-to-Cable, Cable-to-Panel
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	160
Number of Power Positions	160
Number of Signal Positions	160
Number of Rows	13

Electrical Characteristics

Operating Voltage	250 VDC
-------------------	---------

Contact Features

Contact Current Rating (Max)	13 A
Contact Retention Within Housing	With
Contact Type	Pin

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------



Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	With
Panel Mount Feature Type	Screw Mount
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	3.81 mm[.15 in]
Housing Color	Black
Housing Material	Phenolic GF

Dimensions

Wire Size	.05 – 2 mm²
Row-to-Row Spacing	3.3 mm[.13 in]
Height	69.85 mm[2.75 in]
Length	114.93 mm[4.525 in]
Width	46.38 mm[1.826 in]

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Industry Standards

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

Packaging Features

Packaging Method	Bag
Packaging Quantity	1

Other

For Use With	Receptacle Block 202800
--------------	-------------------------

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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	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 # 202798-1
SERIES M 160 POS 450 SHIELD



TE Part # 202800-2
RECEPT ASSY,160 POS,M-SERIES

Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(7)



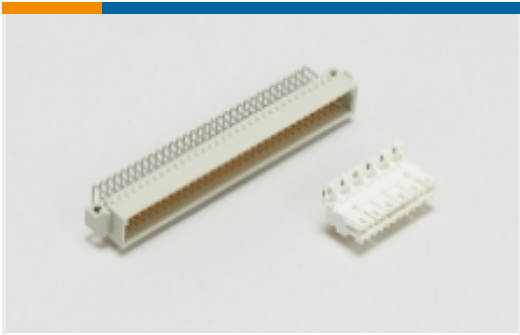
Rack & Panel Connectors(1)



Rectangular Connector Hardware(52)



Rectangular Power Connectors(69)



Standard Edge Connectors(2)

Customers Also Bought



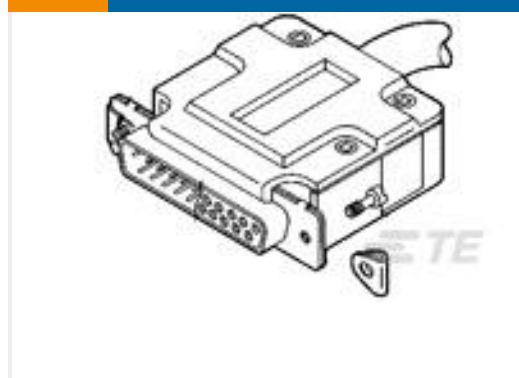
TE Part #1658661-1
D-Sub Crimp: Plug, Signal, 50 Posn,
Pin Size 20, Shell Size 5



TE Part #1-66361-1
III+ PIN,18-14,30AU/FL,SMPACK



TE Part #202169-1
M-SERIES HALF SHIELD KIT



TE Part #1-5207908-3
KIT S/R SCREW RET 90/180 DEG



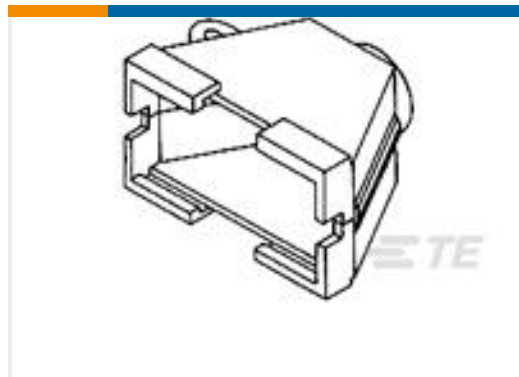
TE Part #201692-4
CNTR FASTENER PLUG BLOCK,104P



TE Part #201047-2
SERIES "M" ST. STL. GUIDE SOC.



TE Part #1-201692-1
CNTR FASTENER PLUG BLOCK,104P



TE Part #1-350374-9
12P STR/REL HNGD



TE Part #1-350523-9
15P MR STR/REL HNG BLK



TE Part #YAFD56-22-55SNC127
PLUG ASSY

Documents

Product Drawings

CNTR FASTENER PLUG BLOCK,160P

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_202799-2_D1.2d_dxf.zip



English

Customer View Model

[ENG_CVM_202799-2_D1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_202799-2_D1.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[M_SERIES_PIN_AND_SOCKET_CONNECTORS](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[AMP* 160 POSITION SERIES "M" CONNECTOR AND ACCESSORIES](#)

English

Agency Approvals

[Agency Approval Document](#)

English