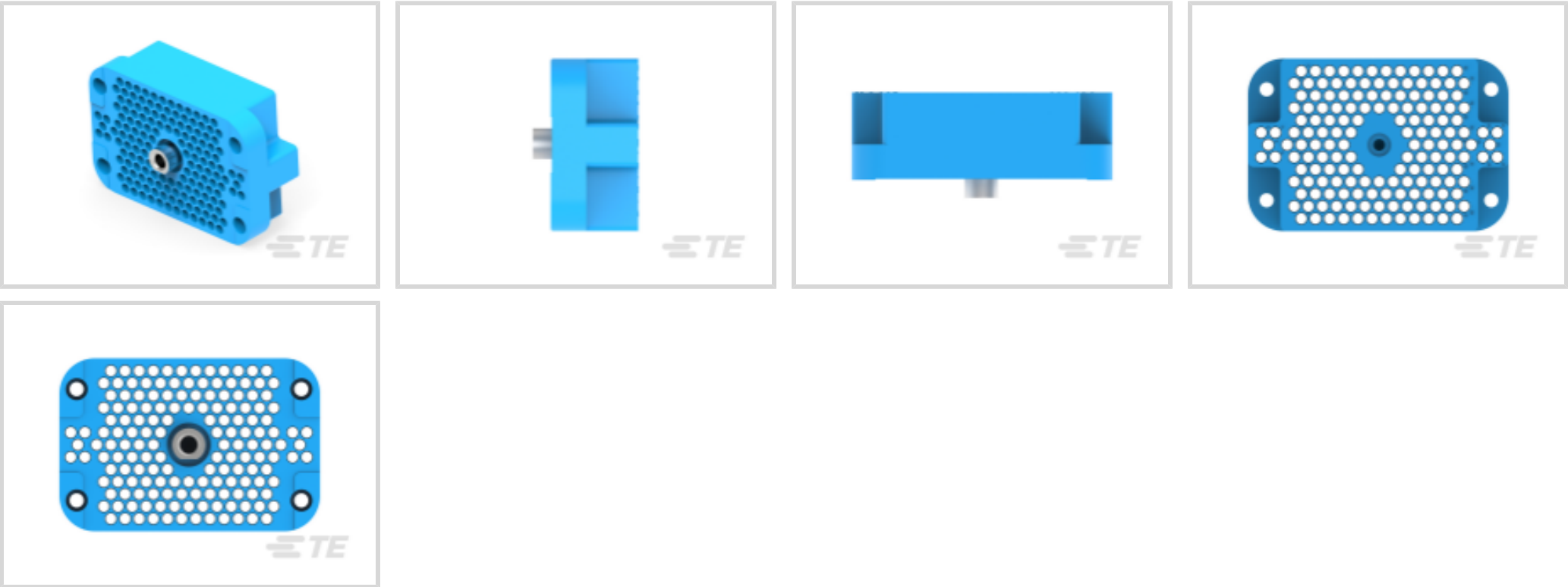




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Cable-to-Cable, Cable-to-Panel**
Contact Retention Within Housing: **With**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Cable-to-Cable, Cable-to-Panel
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

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

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Blue
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Housing Features

Housing Material	Diallyl Phthalate
Centerline (Pitch)	3.81 mm[.15 in]

Dimensions

Row-to-Row Spacing	3.3 mm[.13 in]
Connector Width	46.38 mm[1.826 in]
Connector Height	69.85 mm[2.75 in]
Wire Size	30 – 14 AWG
Connector Length	28.32 mm[1.115 in]

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

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

Packaging Features

Packaging Quantity	1
Packaging Method	Box



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 2025 (247) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: tris(2-methoxyethoxy)vinylsilane (.11% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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



Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(5)	Connector Caps & Covers(14)	Connector Hardware(46)	Connector Strain Relief(13)
PCB Headers & Receptacles(9)	Rack & Panel Connectors(1)	Rectangular Power Connectors(82)	Wire-to-Board Headers & Receptacles (1)

Customers Also Bought

TE Part #282218-006 81044/12-20-9	TE Part #CAT-D9934-A75E Header Assembly: Wire-to-Board, 15A, gold or tin plated	TE Part #1-640388-5 15P MTA156 HDR ASSY RN STR F/L	TE Part #FG4505W OMNI,FG,450-470MHZ,100W 460MHz, 7dBi
TE Part #770092-1 09P .093 COMM P&S RECPT HSG	TE Part #917511-3 DYNAMIC D-3 REC CONT. 2L AU 0.76 L/P	TE Part #62806-1 FASTON 250 PCB TAB TPBR	

Documents

Product Drawings
RECEPT ASSY,160 POSN,M SERIES

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_202800-1_H.2d_dxf.zip



English

Customer View Model

[ENG_CVM_202800-1_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_202800-1_H.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_202800-1_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_202800-1_R.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_202800-1_R.2d_dxf.zip](#)

English

3D PDF

3D

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