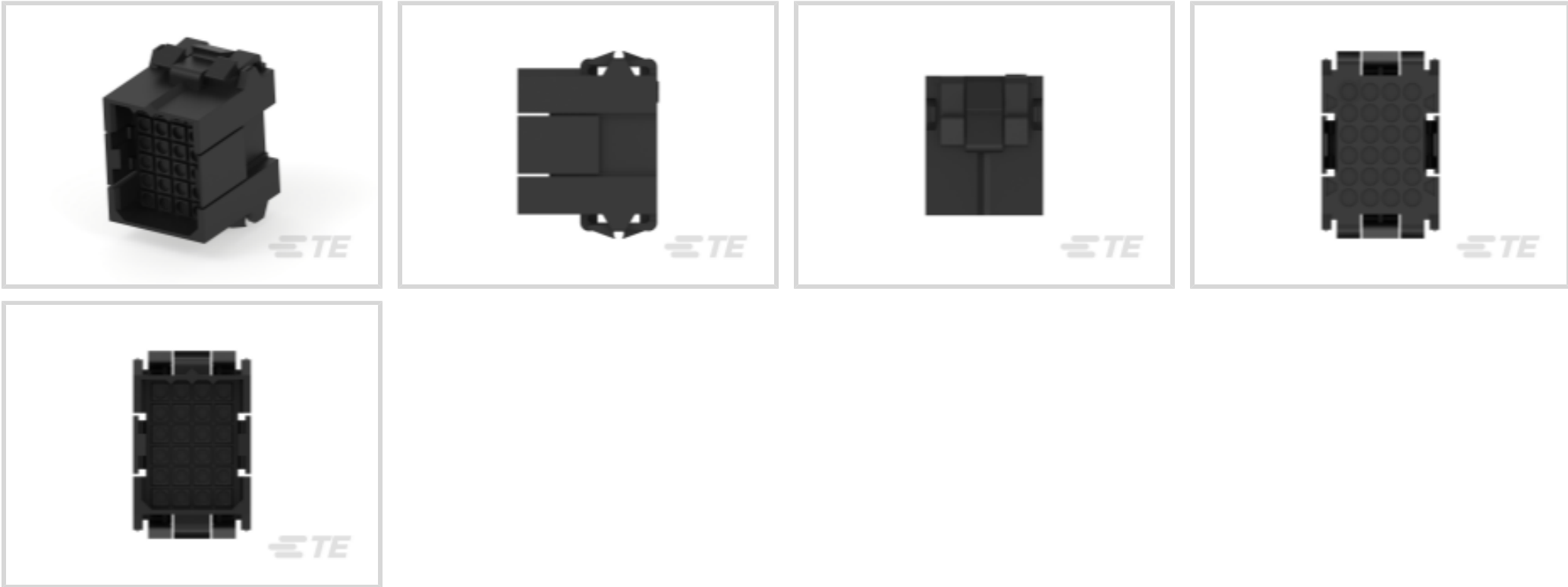




Connectors > Rectangular Connectors > Rectangular Connector Housings



Connector System: Wire-to-Board, Wire-to-Panel, Wire-to-Wire

Number of Positions: 24

Centerline (Pitch): 5 mm [.197 in]

Number of Rows: 6

Housing Material: PA 66

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector System	Wire-to-Board, Wire-to-Panel, Wire-to-Wire
Connector & Housing Type	Receptacle
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board, Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Number of Positions	24
Number of Rows	6

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Layout	Matrix
Contact Type	Pin



Contact Current Rating (Max)	14 A
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Mechanical Attachment

Panel Mount Feature Type	Latches
Connector Mounting Type	Panel Mount

Housing Features

Housing Color	Black
Centerline (Pitch)	5 mm[.197 in]
Housing Material	PA 66

Dimensions

Panel Thickness (Recommended)	.76 – 2.29 mm[.03 – .09 in]
Product Width	27.84 mm
Product Length	41.4 mm
Row-to-Row Spacing	5 mm[.197 in]

Usage Conditions

Operating Temperature Range	-55 – 130 °C[-67 – 266 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

CSA Rating	LR 16455
Agency/Standard	CSA, UL, VDE
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1
Packaging Method	Package

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

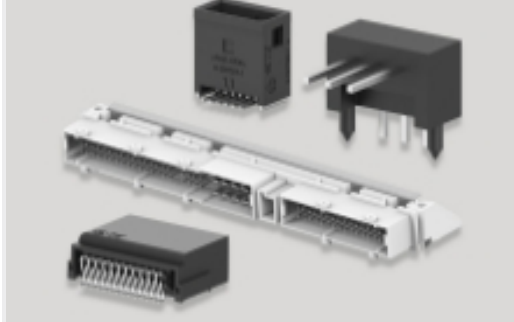
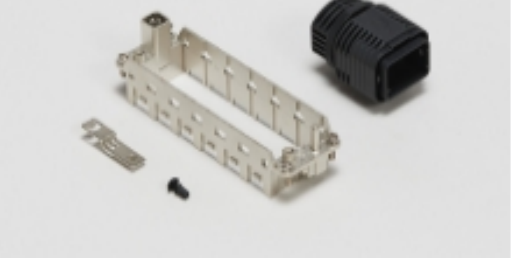
Product Compliance Disclaimer

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 # 1-207532-0 SKT HDR ASSY,24P,MMATE LF	 TE Part # 207304-1 24 POS SQ GRID METRIMATE-PLUG	 TE Part # 207532-8 SKT HDR ASSY,24 POSN,METRIMATE	 TE Part # 207532-9 SKT HDR ASSY,24 POSN,METRIMATE
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Also in the Series | AMP Metrimate

 Connector Caps & Covers(5)	 PCB Headers & Receptacles(83)	 Rectangular Connector Hardware(3)	 Rectangular Connector Housings(35)
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Rectangular Connector Keying Plugs(1)



Rectangular Contact Inserts(4)



Rectangular Power Connectors(2)



Standard Rectangular Connectors(5)

Customers Also Bought



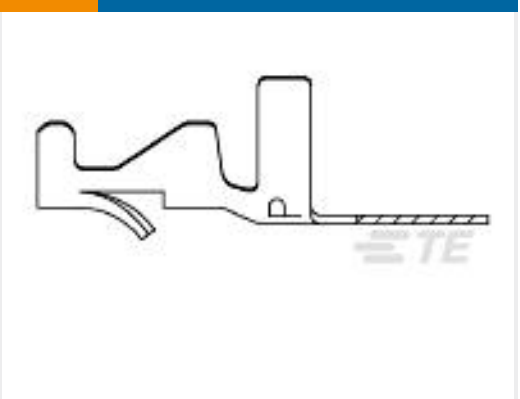
TE Part #1-66098-8
Strip Pin and Socket Contacts, Type III



TE Part #207018-1
METRIMATE RCPT 12 POS



TE Part #150545-2
110 MINI FASTON, REC., 24-20 AWG, TPBR



TE Part #3-640311-1
MINI AMP-IN 22-18 AWG .008PTPPHBZ



TE Part #4-1625890-5
2W SM M/OX 5% 39K



TE Part #2204080-1
PLUGGABLE BUSBAR FOR 3MM BOARD



TE Part #2204273-1
IN-LINE MOUNT 500A BUSBAR CONN.



TE Part #184437-4
SENSOR TAB, 1.50 X .80, TIN PL

Documents

Product Drawings

24 POS SQ GRID METRIMATE-RCPT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_207305-1_BF.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_207305-1_BF.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_207305-1_BF.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.



Datasheets & Catalog Pages
METRIMATE_PIN_SOCKET_CATALOG

English

Product Specifications
Application Specification

English

Application Specification

English

METRIMATE Self-Locking Connectors

Japanese

Application Specification

Japanese

Product Environmental Compliance
MD_207305-1_10142011620

English

MD_207305-1_10142011620

English

Instruction Sheets
Instruction Sheet (U.S.)

English

Agency Approvals
UL Report

English