



Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Number of Positions: 18

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

Row-to-Row Spacing: 5 mm [.197 in]

Number of Rows: 6

Features

Product Type Features

Insertion Force Type	Normal
Connector System	Wire-to-Board, Wire-to-Panel, Wire-to-Wire
Connector & Housing Type	Plug
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector Type	Housing
Product Type	Connector
Wire/Cable Type	Discrete Wire
Wire Type	Stranded

Configuration Features

Number of Positions	18
Number of Rows	6

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Layout	Matrix
Contact Type	Socket
Contact Current Rating (Max)	14 A

Mechanical Attachment



Panel Mount Feature	With
Panel Mount Feature Type	Latches
Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

Row-to-Row Spacing	5 mm[.197 in]
Length	25.35 mm
Width	23.8 mm
Panel Thickness	.03 – .09 in, .76 – 2.29 mm

Usage Conditions

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

Circuit Application	Power & Signal
For Use With	Header, Receptacle Housing

Industry Standards

Agency/Standard	CSA, UL
CSA File Number	LR16455
VDE Tested	Yes
UL File Number	E28476
UL Flammability Rating	UL 94V-0
UL Rating	Certified, Recognized

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

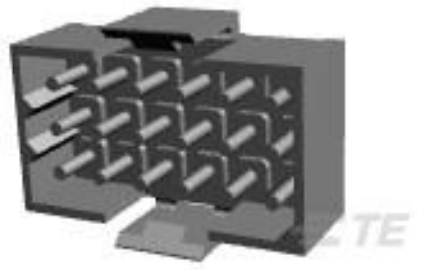
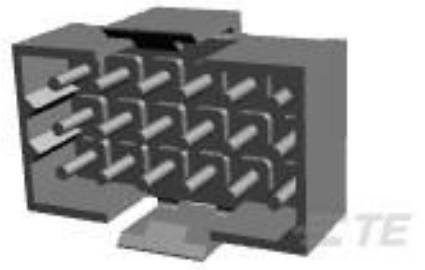
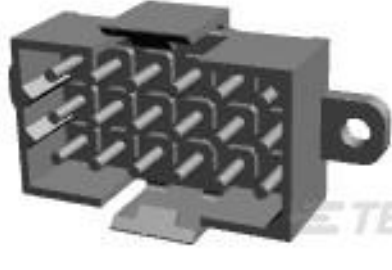
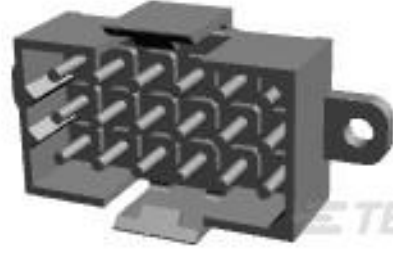


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 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>

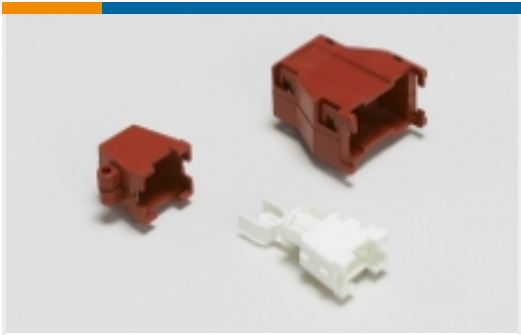
Compatible Parts

 TE Part # 207443-1 HSG RECEPT,18 POSN,SM METRIC	 TE Part # 207603-1 METRIMATE,STR REL KIT,18P	 TE Part # 1-207444-1 METRIMATE PIN HDR ASY,18P LF	 TE Part # 1-207444-0 METRIMATE PIN HEADER ASSY,18P
 TE Part # 207444-8 METRIMATE PIN HEADER ASSY,18P	 TE Part # 207444-9 METRIMATE PIN HEADER ASSY,18P		

Also in the Series | AMP Metrimate



Insertion & Extraction Tools(1)



Rectangular Boots & Strain Relief(9)



Rectangular Connector Hardware(4)



Rectangular Connector Housings(35)



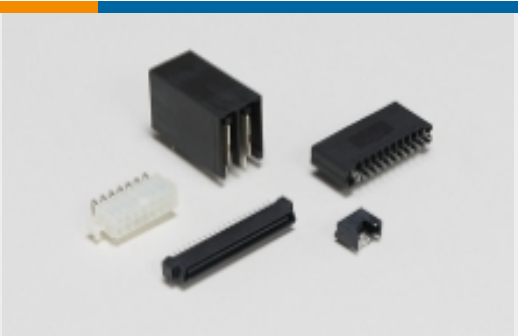
Rectangular Connector Keying Plugs(1)



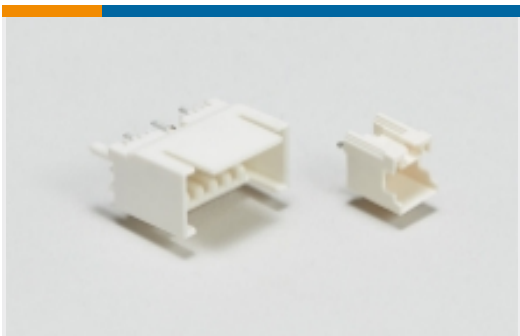
Rectangular Contact Inserts(7)



Rectangular Power Connectors(2)



Standard Rectangular Connectors(5)



Wire-to-Board Headers & Receptacles (83)

Customers Also Bought



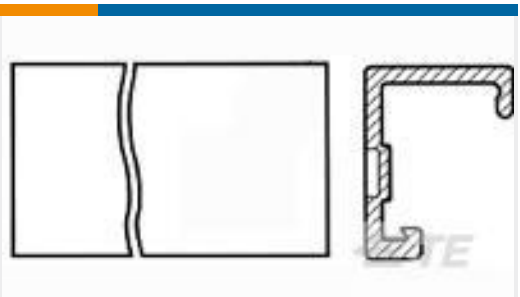
TE Part #207016-1
4 POS SQ GRID METRIMATE RCPT



TE Part #207015-1
HSG,PLUG,4 POSN,SM METRIC



TE Part #2-34173-1
TERMINAL,PG R 12-10 3/8



TE Part #1-640551-4
14P MTA156 COVER



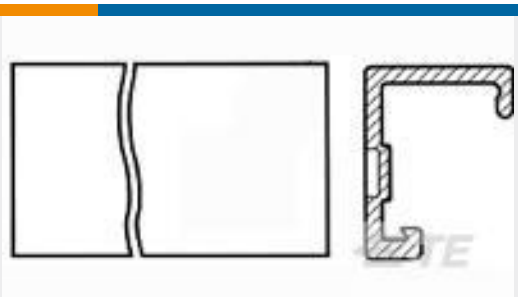
TE Part #1-178298-2
DYNAMIC 3100 HDR ASSY



TE Part #2-456134-2
CRIMPER, INSULATION "F"(.110")



TE Part #1-456403-6
CRIMPER WIRE .062 F



TE Part #1-640551-1
11P MTA156 COVER



TE Part #1546671-2
2P .437" DR BARRIER,W/WIR CLMP



TE Part #EK4880-000
BTH1-09-04-1-ZN-SB

Documents

Product Drawings

18 POS SQ GRID METRIMATE-PLUG

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_207442-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_207442-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_207442-1_F.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_207442-1_081220152247_dmtec

English

MD_207442-1_081220152247_dmtec



English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English