208117-1 ✔ ACTIVE

METRIMATE

TE Internal #: 208117-1

6 Position, Plug, Housing, Wire-to-Board, UL 94V-0, 5.08 mm [.2 in] Centerline, 1 Row, 600 VAC, Wire & Cable, Power & Signal

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

UL Flammability Rating: **UL 94V-0**

Number of Positions: **6**

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VDC

Body Features

Primary Product Color	Black

Contact Features

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

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	5.08 mm[.2 in]
Housing Material	PA 66

Dimensions

Connector Width	9.14 mm
Row-to-Row Spacing	5.08 mm[.2 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Compatible With Agency/Standards Products	CSA, UL, VDE
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	250
Packaging Method	Carton

Product Compliance

For compliance documentation, visit the product page on TE.com>

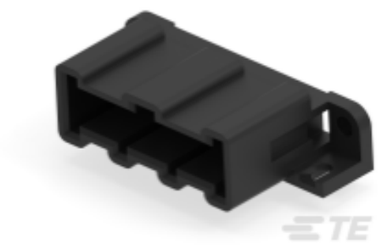
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does 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 # 208116-4
PIN HDR ASSY,6P,MMATE LF

Customers Also Bought



TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



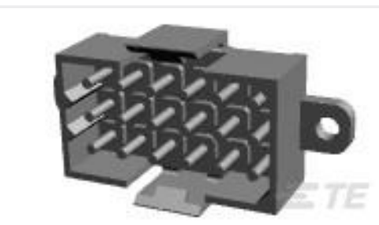
TE Part #201298-3
FEMALE BLOCK 14 POS



TE Part #201413-1
JACKSCREW ASSY. SERIES"M"



TE Part #201414-4
SERIES"M" JACK SCREW--FEMALE A



TE Part #207444-8
METRIMATE PIN HEADER ASSY,18P



TE Part #207541-7
MMATE PIN HEADER ASSY,3P LF



TE Part #208100-1
PLUG,19 POSN,IN-LINE METRIC



TE Part #213427-1
RECPT HSG,3PWR,12 SGNL,METRI



TE Part #5-1393117-9
KUP-11D55-48=KU

Documents

Product Drawings

PLUG,6 POSN,IN-LINE METRIC

English

CAD Files

Customer View Model

ENG_CVM_208117-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_208117-1_C.3d_stp.zip

English

Customer View Model

ENG_CVM_208117-1_C.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_208117-1_AA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_208117-1_AA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_208117-1_AA.3d_stp.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

METRIMATE Self-Locking Connectors

Japanese

Application Specification

Japanese

Agency Approvals

UL Report

English