



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Connector System: **Wire-to-Board, Wire-to-Wire**
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, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VDC
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Body Features

Primary Product Color	Black
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Contact Features

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

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

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

Dimensions

Connector Width	7.85 mm
Connector Length	38.7 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

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 # 207378-6
METRIMATE PIN HEADER ASSY,6P

TE Part # 207583-6
MMATE PIN HDR ASSY,6P LF

TE Part # 207583-7
MMATE PIN HDR ASSY,6P LF

TE Part # 207376-1
HSG,RECEPT 6 POSN,METRIMATE

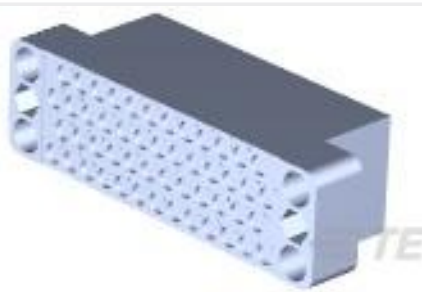
TE Part # 207378-7
METRIMATE PIN HEADER ASSY,6P

Customers Also Bought





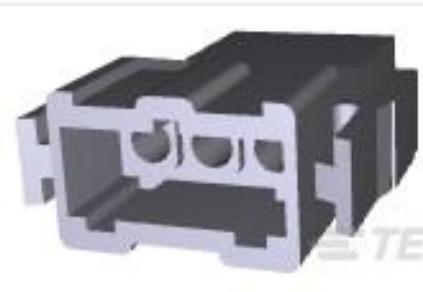
TE Part #53003-1
TERMINAL,BUDG SPR SPD 26-22 6



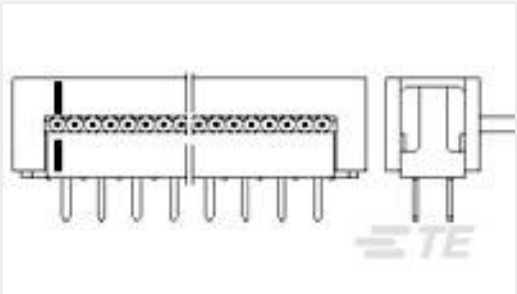
TE Part #200277-4
BLOCK,50 POSN,M SERIES



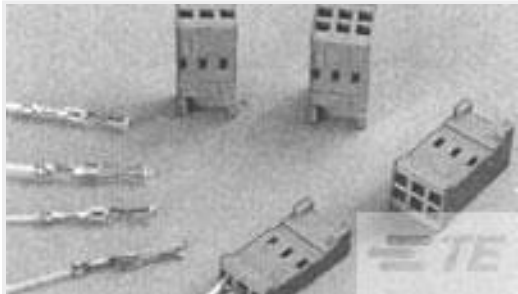
TE Part #201414-4
SERIES"M" JACK SCREW--FEMALE A



TE Part #207359-1
RECEPT HSG,3 POSN,METRIC



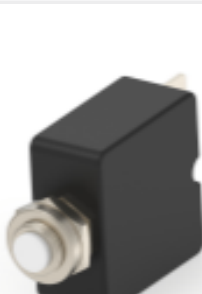
TE Part #1-216093-4
AMP-LATCH PRE-ASSY DIL WITHO



TE Part #281838-8
HOUSING HE13 HE14 COSI 8 P



TE Part #1-1337448-0
BNC BHSkt + TAG 50Ohm Nickel Pltd



TE Part #1393249-6
W58-XB1A4A-1.50=W58



TE Part #1-6609037-0
20EP6=F7810 S0

TE Part #10210013-00
RTD,EMB,C,P1000,385,.12%,.12D

Documents

Product Drawings
HSG,PLUG 6 POSN,METRIMATE
English

CAD Files
Customer View Model
ENG_CVM_207377-1_D1.3d_igs.zip
English
Customer View Model
ENG_CVM_207377-1_D1.3d_stp.zip
English
Customer View Model
ENG_CVM_207377-1_D1.2d_dxf.zip
English
3D PDF
English
3D PDF
3D



Customer View Model

[ENG_CVM_CVM_207377-1_AK.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_207377-1_AK.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_207377-1_AK.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[METRIMATE_PIN_SOCKET_CATALOG](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

[METRIMATE Self-Locking Connectors](#)

Japanese

[Application Specification](#)

Japanese

Agency Approvals

[UL Report](#)

English