



Connectors > Rectangular Connectors > Rectangular Connector Housings



Connector System: Wire-to-Board, Wire-to-Wire
Number of Positions: 6
Centerline (Pitch): 5 mm [.197 in]
Number of Rows: 1
Housing Material: PA 66

Features

Product Type Features

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

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Number of Positions	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Layout	Inline
Contact Type	Socket



Contact Current Rating (Max)	14 A
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Mechanical Attachment

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

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

Dimensions

Product Width	7.85 mm
Product 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

CSA Rating	LR 16455
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 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 # 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 # 207378-7
METRIMATE PIN HEADER ASSY,6P



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

Customers Also Bought



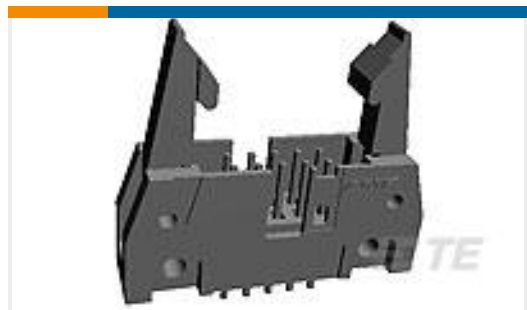
TE Part #36203
TERMINAL,PIDG R 16-14HD 1/2



TE Part #353716-2
DYNAMIC D-3 TAB CONT. 3L AU 0.38



TE Part #6609069-4
25FC10 J0=F7750



TE Part #2-5499206-3
A/L UNIV HDR 16P VERT LG LAT BLUE



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

TE Part #2-192039-1
LA3S .248,.008, SILPL

TE Part #2-192042-8
BRIDGE FORMED BAND,(M) L-.32

TE Part #8-192013-2
LA1A,.625,.006,SILVER PL

TE Part #928947-4
FF FLACHST MIF 6,3

TE Part #2-1102635-5
HIP-K.6/16.STO.1.16

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

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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
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Application Specification
English
METRIMATE Self-Locking Connectors
Japanese
Application Specification
Japanese

Agency Approvals
UL Report
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