



Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Number of Positions: **6**

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

Row-to-Row Spacing: **5 mm**

Number of Rows: **1**

Features

Product Type Features

Connector System	Wire-to-Board, Wire-to-Wire
Row-to-Row Spacing	5 mm
Connector Style	Plug
Connector & Contact Terminates To	Printed Circuit Board, Wire & Cable
Connector Type	Housing
Product Type	Connector
Wire/Cable Type	Discrete Wire
Wire Type	Stranded

Configuration Features

Connector Configuration	Inline
Number of Positions	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Layout	Inline
Contact Type	Socket

Mechanical Attachment

Panel Mount Feature	Without
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Housing Features

Centerline (Pitch)	5 mm[.197 in]
Housing Material	Thermoplastic
Housing Color	Red

Dimensions

Length	38.7 mm
Width	7.85 mm

Usage Conditions

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

For Use With	Receptacle Housing
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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	250
Packaging Method	Carton

Product Compliance

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






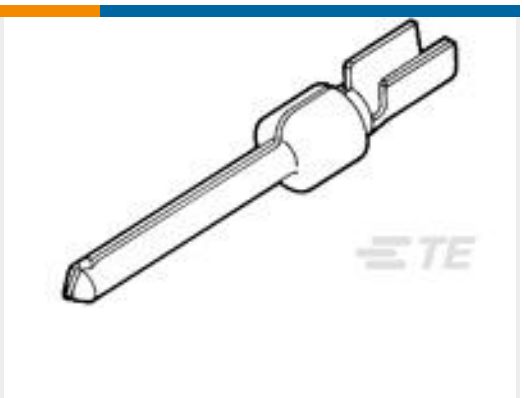

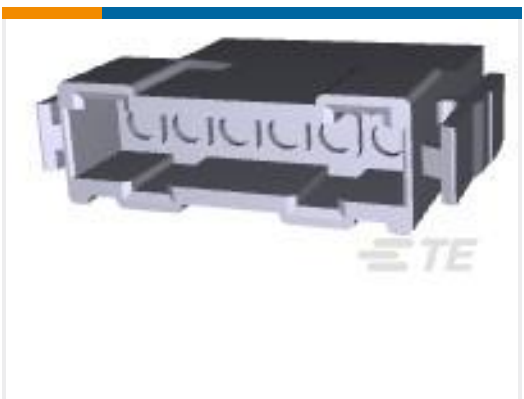
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	ECHAによる現在の候補リスト: 2019年1月(197) 候補リストの表記: 2019年1月(197)
Halogen Content	Not Low Halogen - contains Br 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Customers Also Bought

 <p>TE Part #5748536-1 KIT,RCPT,9P,HDP-20,SHLD HDWRE</p>	 <p>TE Part #207396-1 HSG,PLUG 10 POSN, METRIMATE</p>	 <p>TE Part #5748526-1 KIT,PLUG,9P,HDP-20, SHLD HDWRE</p>	 <p>TE Part #1658648-1 KIT,HDP-20,OVRMLD, PLUG,SIZE 3,</p>
 <p>TE Part #212007-1 CONTACT PIN ASSY, SZ 8</p>	 <p>TE Part #207360-1 PLUG HSG,3 POSN, METRIC</p>	 <p>TE Part #745229-2 20 DF PIN PLTD 30 SEL</p>	 <p>TE Part #3-747579-6 SHLDNG FERRULE, PLTD, BULK PKG</p>
 <p>TE Part #207378-7 METRIMATE PIN HEADER ASSY,6P</p>	 <p>TE Part #207376-1 HSG,RECEPT 6 POSN, METRIMATE</p>		

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

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

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[Agency Approval Document](#)

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