



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Product Type: **Connector Assembly**

Housing Type: **Plug**

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

Number of Positions: **4**

Centerline (Pitch): **18.415 mm [.725 in]**

Features

Product Type Features

Product Type	Connector Assembly
Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Contact Type	Pin

Configuration Features

Number of Positions	4
PCB Mount Orientation	Vertical
Number of Power Positions	4
Board-to-Board Configuration	Vertical

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Current Rating (Max)	200 A
Contact Retention	With



Contact Termination Area Plating Material	Silver
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Contact Mating Area Plating Material	Silver
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Termination Features

Termination Method to Wire & Cable	Crimp
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Termination Method to Printed Circuit Board	Solder
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	18.415 mm[.725 in]
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UL Flammability Rating	UL 94V-0
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Housing Color	Black
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Housing Material	Valox 420 SEO
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Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Method	Bulk
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JUN 2012 (84)
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Halogen Content	Not Yet Reviewed for halogen content
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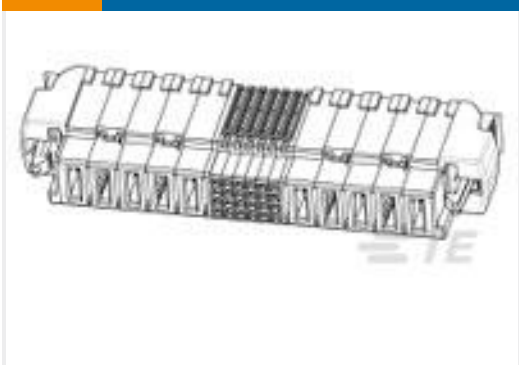


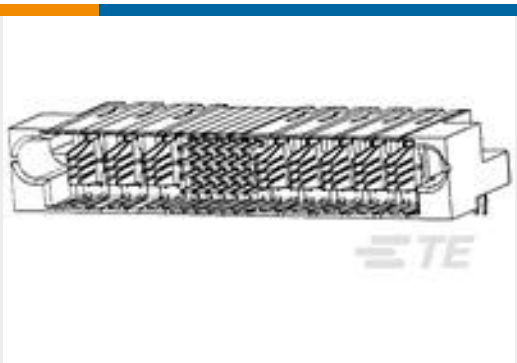

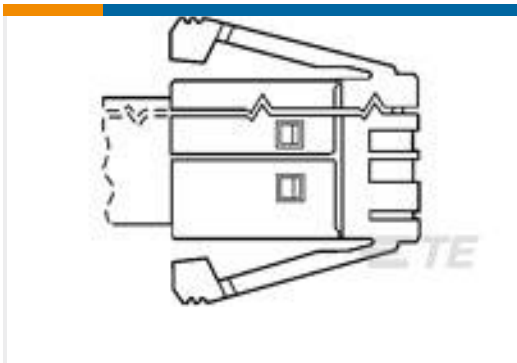

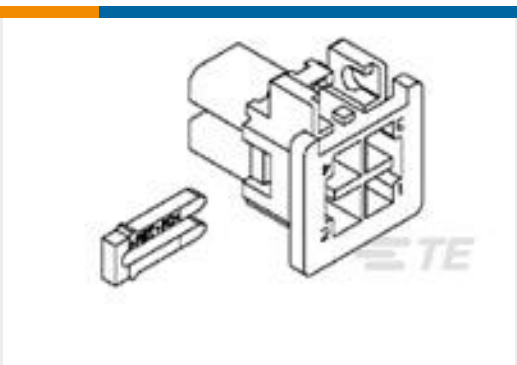
Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

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 #2-1600636-5 MBXL RCPT PMT 2ACP+24S+2ACP</p>	 <p>TE Part #1600788-4 MBXL RCPT HSG ASSY, SQUEEZE TO RELEAASE,</p>	 <p>TE Part #1-1761187-1 4 SDL FLAT PLUG ASSY</p>	 <p>TE Part #1-1546561-2 SSB7FP110202=.4375" DUAL BARRIE</p>
 <p>TE Part #1-6450230-1 MBXL R/A HDR 3P+24S+3P</p>	 <p>TE Part #104503-7 08 MTE PIN HSG SR RIB . 100CL</p>	 <p>TE Part #5-1761187-3 8 SDL FLAT PLUG ASSY</p>	 <p>TE Part #5-747916-5 37 Plug Solder Cup, 30 gold, R</p>
 <p>TE Part #794319-1 AMP DUAC/PL 06P KIT BULK PKG</p>			

Documents

Product Drawings
CONN,PIN,CUSTOM CONN
English



CAD Files

Customer View Model

[ENG_CVM_CVM_6643740-1_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_6643740-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6643740-1_A.3d_stp.zip](#)

English

Product Specifications

[Application Specification](#)

English