

TE Internal #: 6643740-1

Rectangular Power Connectors, Connector Assembly, Plug, Wire-to-

Wire, 4 Position, 18.42 mm [.725 in] Centerline, Printed Circuit

Board, UL 94V-0

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Rectangular Power Connector Type: Connector Assembly

Connector & Housing Type: Plug
Connector System: Wire-to-Wire

Number of Positions: 4

Centerline (Pitch): 18.42 mm [.725 in]

Contact Mating Area Plating Material

Contact Current Rating (Max)

Features

Product Type Features

Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Number of Positions	4
PCB Mount Orientation	Vertical
Number of Power Positions	4
Electrical Characteristics	
Operating Voltage	250 VDC
Contact Features	

Silver

200 A



Contact Retention Within Housing	With
Contact Type	Pin
PCB Contact Termination Area Plating Material	Silver
Termination Features	
Termination Method to Printed Circuit Board	Through Hole - Solder
Mechanical Attachment	
Connector Mounting Type	Board Mount
Housing Features	
Centerline (Pitch)	18.42 mm[.725 in]
Housing Color	Black
Housing Material	Valox 420 SEO
Housing Material Usage Conditions	Valox 420 SEO
	Valox 420 SEO -40 - 105 °C[-40 - 221 °F]
Usage Conditions	
Usage Conditions Operating Temperature Range	
Usage Conditions Operating Temperature Range Operation/Application	-40 - 105 °C[-40 - 221 °F]
Usage Conditions Operating Temperature Range Operation/Application Circuit Application	-40 - 105 °C[-40 - 221 °F]
Usage Conditions Operating Temperature Range Operation/Application Circuit Application Industry Standards	-40 - 105 °C[-40 - 221 °F] Power
Usage Conditions Operating Temperature Range Operation/Application Circuit Application Industry Standards UL Flammability Rating	-40 - 105 °C[-40 - 221 °F] Power UL 94V-0

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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



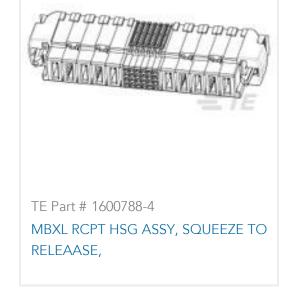
Product Compliance Disclaimer

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



Customers Also Bought

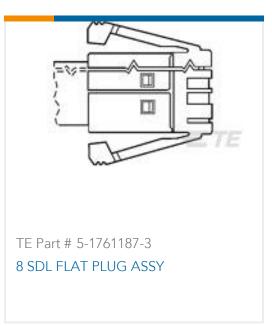




















Documents

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

By downloading the CAD file I accept and agree to the **Terms and Conditions**of use.

Product Specifications

Application Specification

English