

Economy Power 2.5 TE Internal #: 2312294-6 Housing, Plug, Wire-to-Board, 6 Position, .098 in [2.5 mm] Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable, Power, Economy Power 2.5

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: Housing Connector & Housing Type: Plug Connector System: Wire-to-Board Number of Positions: 6 Centerline (Pitch): 2.5 mm [.098 in]

Features



Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	6
Number of Rows	1
Electrical Characteristics	
Operating Voltage	250 VAC
Body Features	
Primary Product Color	Natural
Contact Features	

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Contact Layout	Inline
Contact Type	Socket
Contact Base Material	Copper Alloy
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Strain Relief	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Entry Configuration	Both Ends Closed
Housing Material	Nylon - GF
Centerline (Pitch)	2.5 mm[.098 in]

Dimensions

Connector Length	17.3 mm[.681 in]
Connector Height	8 mm[.315 in]
Wire Size	.13 – .33 mm²
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
Glow Wire Rating	Glow Wire
Product Compliance	
For compliance documentation, visit the product page on TE.com>	
For compliance documentation, visit the product page on TE.com> EU RoHS Directive 2011/65/EU	Compliant
	Compliant Compliant

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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 reviewed 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-onreach

Compatible Parts









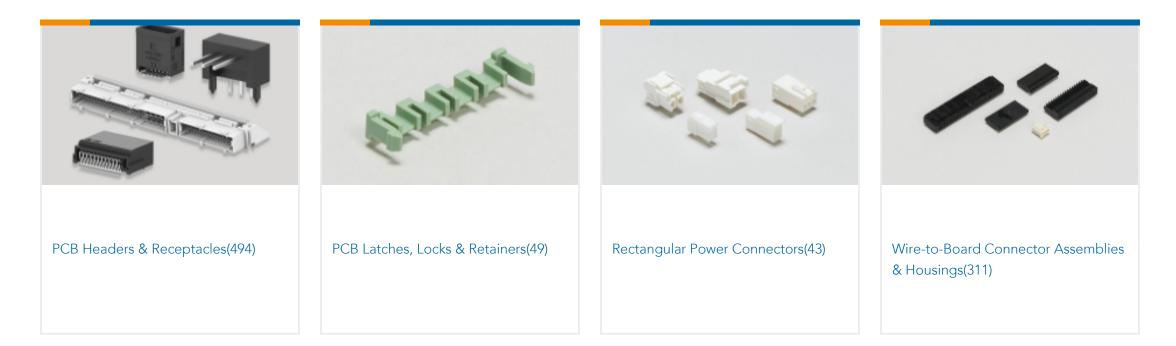


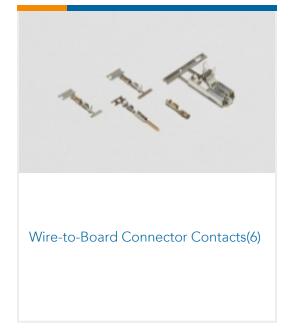
Also in the Series | Economy Power 2.5

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Documents

Product Drawings EP 2.5 PLUG HOUSING,6POS.,GLOW WIRE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2312294-6_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2312294-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2312294-6_A.3d_stp.zip

English

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Product Specifications Application Specification

English

Agency Approvals **UL Report**

English