

4-2338183-8 ✓ ACTIVE



Economy Power 2.5

TE Internal #: 4-2338183-8

Housing, Receptacle, Wire-to-Board, 8 Position, 2.5 mm [.098 in]
Centerline, Crimp, 1 Row, Black, Mating Retention, Wire & Cable,
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: **Receptacle**

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

Number of Positions: **8**

Centerline (Pitch): **2.5 mm [.098 in]**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	8
Number of Rows	1

Body Features

Primary Product Color	Black
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Contact Features

Contact Current Rating (Max)	4.2 A
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Termination Features

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Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Retention Type	Latch
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Mating Retention	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	2.5 mm [.098 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not reviewed 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 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 # 4-2338244-8
EP2.5 HDR 8P VERT W/O BOSS,
BLACK,UL




TE Part # 4-2338245-8
EP2.5 HDR 8P VERT BOSS,BLACK,UL




TE Part # 4-2421771-8
EP2.5 HDR ASSY 8P VERT W/O BOSS,
BLACK,UL

Also in the Series | Economy Power 2.5




Connector Contacts(6)




Connector Hardware(49)



PCB Headers & Receptacles(494)



Rectangular Power Connectors(43)



Wire-to-Board Connector Assemblies
& Housings(305)

Documents

Product Drawings

[EP 2.5 HOUSING 8P, BLACK, UL version](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_4-2338183-8_A.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_4-2338183-8_A.3d_igs.zip](#)

English

[Customer View Model](#)



[ENG_CVM_CVM_4-2338183-8_A.3d_stp.zip](#)

English

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[Product Specifications](#)

[Application Specification](#)

English

[Agency Approvals](#)

[UL Report](#)

English