



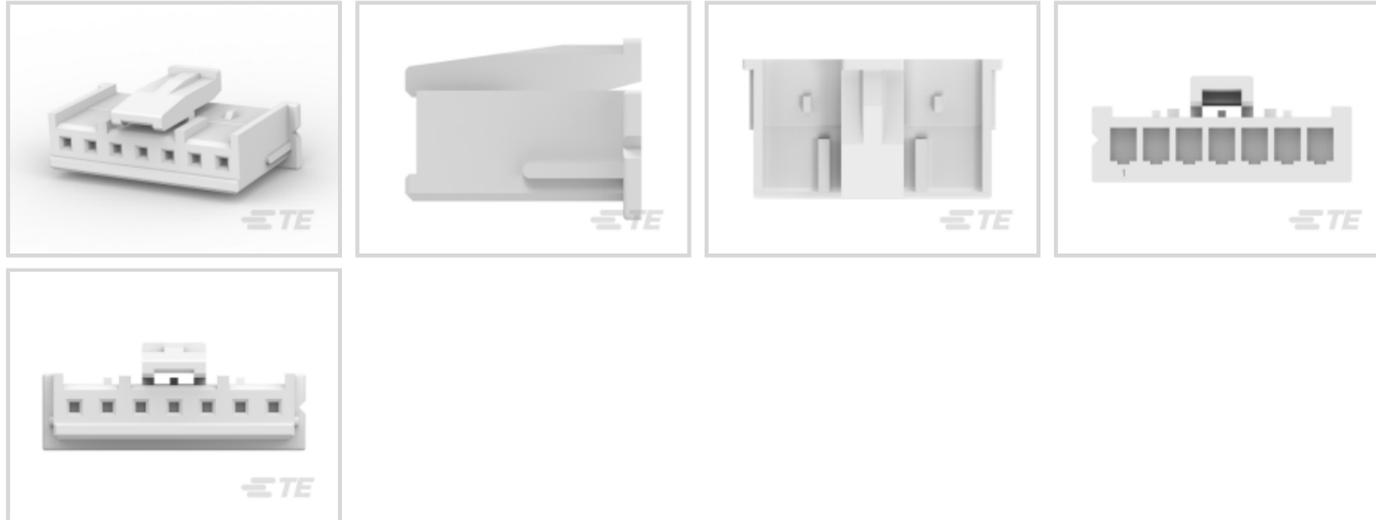
**Economy Power 2.5**

TE Internal #: 1969442-7

7 Position, Receptacle, Housing, Crimp, Wire-to-Board, UL 94V-0, 2.5 mm [.098 in] Centerline, 1 Row, 250 VAC, Wire & Cable, Power, Economy Power 2.5

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Latch**

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

UL Flammability Rating: **UL 94V-0**

**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	7
Number of Rows	1

**Electrical Characteristics**

Operating Voltage	250 VAC
-------------------	---------

**Body Features**

Primary Product Color	Natural
-----------------------	---------

**Contact Features**

--	--



Contact Base Material	Copper Alloy
Contact Type	Socket
Contact Current Rating (Max)	4.5 A

#### Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

#### Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

#### Housing Features

Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	2.5 mm [.098 in]
Housing Material	Nylon GF

#### Dimensions

Connector Width	9.58 mm [.377 in]
Connector Height	8 mm [.315 in]
Connector Length	19.8 mm [.78 in]
Wire Size	.13 – .33 mm <sup>2</sup>

#### Usage Conditions

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

#### Operation/Application

Circuit Application	Power
---------------------	-------

#### Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

#### Packaging Features

Packaging Quantity	500
Packaging Method	Bag

#### Product Compliance



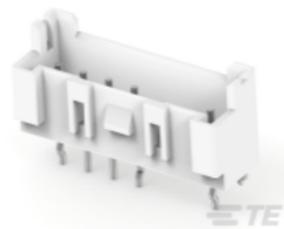
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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



TE Part # 2-2304185-7  
EP2.5 SHROUDED HDR ASSY 7P VERT W/O BOSS



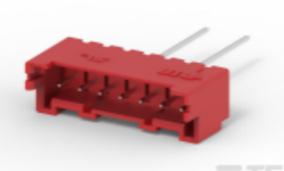
TE Part # 2110989-1  
EP 2.5 RCPT CONTACT, 26-22 AWG



TE Part # 2482324-1  
EXTRACTION TOOL



TE Part # 1969443-7  
EP 2.5 TPA Retainer, 7 Pos



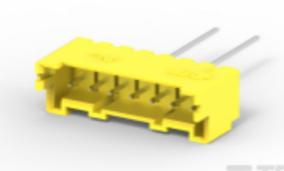
TE Part # 1-2299683-7  
EP2.5 HDR 7P VERT W/O BOSS, TAPING, RED



TE Part # 1744426-7  
Header Housing Assy, EP 2.5 RA, 7 Pos.



TE Part # 1744446-7  
Hdr Assy, EP 2.5 RA, 7 Pos., GW



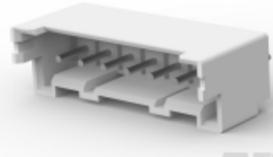
TE Part # 4-2299683-7  
EP2.5 HDR 7P VERT W/O BOSS, TAPING, YELLOW




TE Part # 2304185-7  
EP2.5 SHROUDED HDR ASSY 7P VERT W/O BOSS



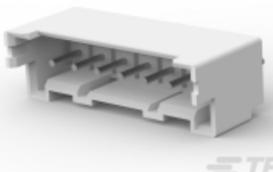
TE Part # 1744423-1  
EP 2.5 RCPT CONTACT, 24-20 AWG



TE Part # 2132415-7  
EP2.5 Shrouded HDR ASSY 7P VERT w /o boss



TE Part # 2-2299683-7  
EP2.5 HDR 7P VERT W/O BOSS, TAPING,BLUE



TE Part # 1744439-7  
EP2.5 Shrd HDR ASSY 7P VERT, GW



TE Part # 1744418-7  
7 POS EP 2.5 HDR, GLOW WIRE



TE Part # 2299683-7  
EP2.5 HDR 7P VERT W/O BOSS, TAPING



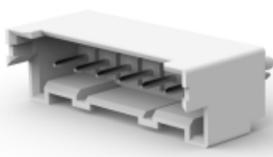
TE Part # 2311993-7  
EP2.5 HDR ASSY 7P,NO PIN 2,4,6 TAPING



TE Part # 5-2299683-7  
EP2.5 HDR 7P VERT W/O BOSS, TAPING,GREEN



TE Part # 3-2299683-7  
EP2.5 HDR 7P VERT W/O BOSS, TAPING,BLACK



TE Part # 2132230-7  
EP2.5 Shrouded HDR ASSY 7P VER

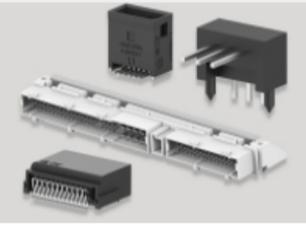
Also in the Series | **Economy Power 2.5**



Connector Contacts(6)



Connector Hardware(49)



PCB Headers & Receptacles(533)



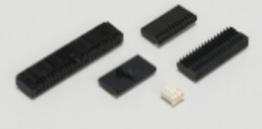
Rectangular Connector Housings(305)



Rectangular Power Connectors(835)



Standard Rectangular Connectors(305)



Wire-to-Board Connector Assemblies & Housings(134)



Wire-to-Board Headers & Receptacles (533)

Customers Also Bought



TE Part #177912-1  
POWER D/LOCK CAP HSG 10P NATU.



TE Part #177921-1  
POWER D/LOCK PLATE 5P NATURAL



TE Part #2-480435-3  
187 FASTON HSG.,REC.,1 POS,BLACK



TE Part #1742626-1  
250 FASTON,FLAG,REC.,16-14 AWG,  
NPST



TE Part #1742883-1  
187 FASTON,REC.,20-16 AWG,NPST



TE Part #1969442-8  
EP 2.5 TPA Housing, 8 Pos



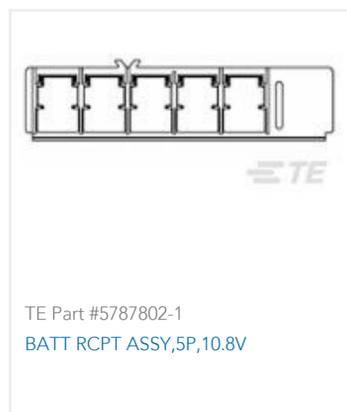
TE Part #1-1969442-0  
EP 2.5 TPA Housing, 10 Pos



TE Part #1969443-3  
EP 2.5 TPA Retainer, 3 Pos



TE Part #1969443-7  
EP 2.5 TPA Retainer, 7 Pos



TE Part #5787802-1  
BATT RCPT ASSY,5P,10.8V

## Documents

### Product Drawings

[EP 2.5 TPA Housing, 7 Pos](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1969442-7\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1969442-7\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1969442-7\\_C.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages



[7-1773461-6\\_EP2.5\\_Connector\\_Series](#)

English

---

[Product Specifications](#)

[Application Specification](#)

English

---

[Instruction Sheets](#)

[Instruction Sheet \(U.S.\)](#)

English

---

[Agency Approvals](#)

[VDE Certificate](#)

English