

2-2324584-0 ✓ ACTIVE

Economy Power 2.5

TE Internal #: 2-2324584-0

20 Position, Receptacle, Housing, Crimp, Wire-to-Wire, UL 94V-0,

2.5 mm [.098 in] Centerline, 2 Row, 250 VAC, Wire & Cable,

Economy Power 2.5

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention: **With**

Mating Retention Type: **Latch**

Termination Method to Wire & Cable: **Crimp**

### Features

#### Product Type Features

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

#### Configuration Features

Number of Positions	20
Number of Rows	2

#### Electrical Characteristics

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

#### Body Features

Primary Product Color	White
-----------------------	-------

#### Contact Features

--	--



Contact Type	Pin
--------------	-----

Contact Current Rating (Max)	3 A
------------------------------	-----

### Termination Features

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

### Mechanical Attachment

Strain Relief	Without
---------------	---------

Panel Mount Feature	Without
---------------------	---------

Mating Retention	With
------------------	------

Mating Retention Type	Latch
-----------------------	-------

Connector Mounting Type	Panel Mount
-------------------------	-------------

### Housing Features

Housing Entry Configuration	Both Ends Closed
-----------------------------	------------------

Centerline (Pitch)	2.5 mm [.098 in]
--------------------	------------------

Housing Material	Nylon GF
------------------	----------

### Dimensions

Connector Width	10.32 mm [.406 in]
-----------------	--------------------

Compatible Insulation Diameter Range	1.3 – 1.7 mm [.051 – .067 in]
--------------------------------------	-------------------------------

Connector Height	19.97 mm [.786 in]
------------------	--------------------

Connector Length	27.89 mm [1.098 in]
------------------	---------------------

Row-to-Row Spacing	2.5 mm [.05 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 & Signal
---------------------	----------------

### Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Glow Wire Rating	Standard Part - Not Glow Wire
------------------	-------------------------------

### Packaging Features

Packaging Quantity	10000
--------------------	-------

Packaging Method	Bag
------------------	-----

## Product Compliance

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

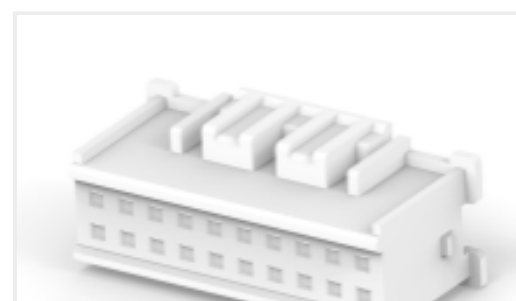
## Compatible Parts



TE Part # 2-1969594-0  
HSG, REC, PANEL MOUNT, DUAL ROW,  
EP2.5



TE Part # 1-1969594-2  
HSG, REC, PANEL MOUNT, DUAL ROW,  
EP2.5



TE Part # 2-2324579-0  
HOUSING, PLUG, 20P, DUAL ROW,  
EP2.5



TE Part # 1-2324584-4  
HSG, REC, PANEL MOUNT, DUAL ROW,  
EP2.5



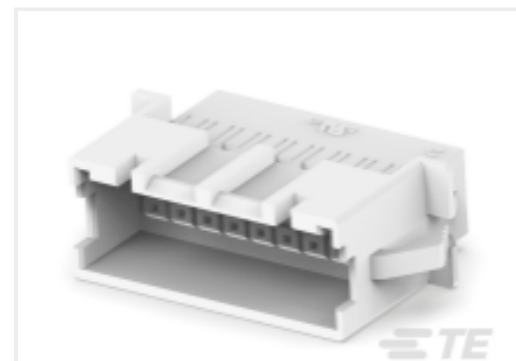
TE Part # 1-1969594-0  
HSG,REC,PANEL MOUNT,DUALROW, EP2.5



TE Part # 1969594-8  
HSG,REC,PANEL MOUNT,DUALROW, EP2.5



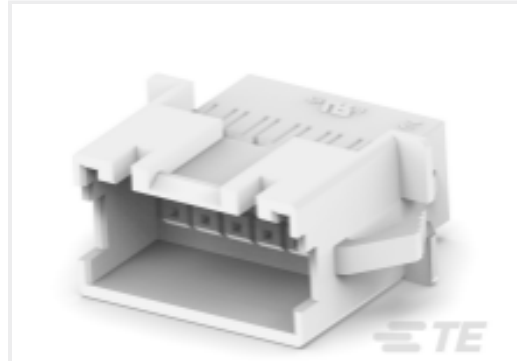
TE Part # 1-1969594-4  
HSG,REC,PANEL MOUNT,DUALROW, EP2.5



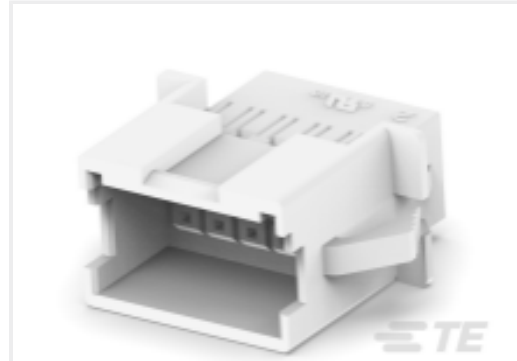
TE Part # 1-2324584-8  
HSG,REC,PANEL MOUNT,DUALROW, EP2.5



TE Part # 1-1969594-8  
HSG,REC,PANEL MOUNT,DUALROW, EP2.5



TE Part # 1-2324584-2  
HSG,REC,PANEL MOUNT,DUALROW, EP2.5

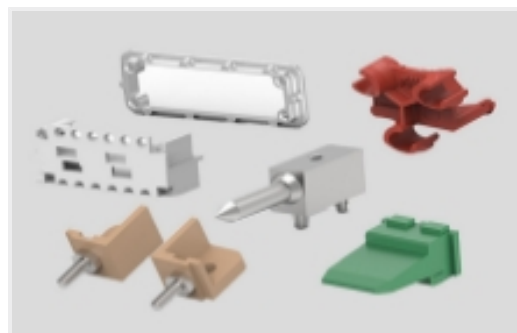


TE Part # 1-2324584-0  
HSG,REC,PANEL MOUNT,DUALROW, EP2.5

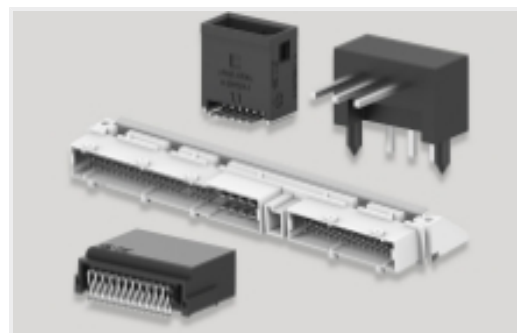
Also in the Series | Economy Power 2.5



Connector Contacts(6)



Connector Hardware(42)



PCB Headers & Receptacles(412)



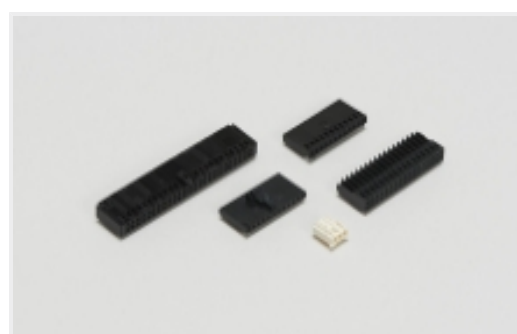
Rectangular Connector Housings(264)



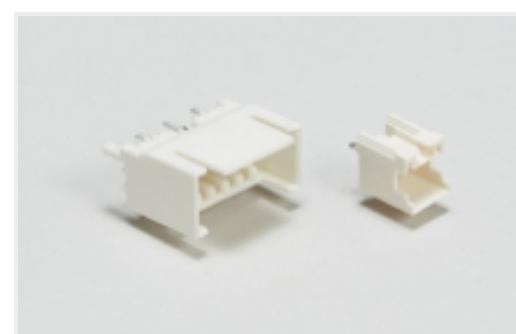
Rectangular Power Connectors(673)



Standard Rectangular Connectors(264)



Wire-to-Board Connector Assemblies & Housings(93)



Wire-to-Board Headers & Receptacles (412)

Customers Also Bought



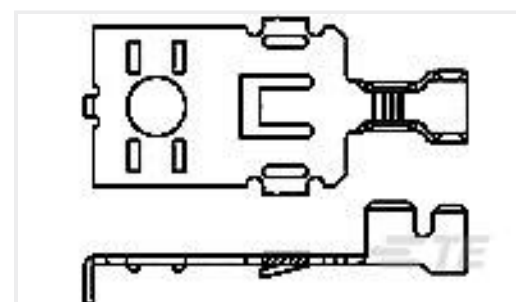
TE Part #938365P002  
VERSAFIT-1/8-0-0.75IN-ST



TE Part #530219P009  
RNF-150-1/4-0-1.25IN



TE Part #440452-000  
RT-3-NO.1-0-2.25IN



TE Part #63496-1  
POWER RING TERMINAL TAB 16-10 AWG BR



TE Part #2-171706-1  
FASTON 250 INS POD NYLON NAT



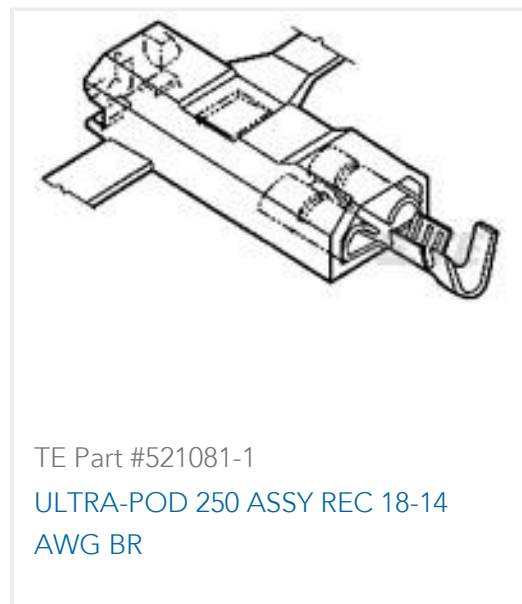
TE Part #1-521253-3  
PL MKIII & FASTON 250 HSG 2P  
NYLON GREEN



TE Part #1-853088-0  
ANVIL



TE Part #2-1241817-3  
STD TIM HOUSING MKII 3POS



TE Part #521081-1  
ULTRA-POD 250 ASSY REC 18-14  
AWG BR



TE Part #644267-2  
SL156 HSG (YELLOW)

## Documents

### Product Drawings

[HSG,REC,PANEL MOUNT,DUALROW,EP2.5](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2324584-0\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2324584-0\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2324584-0\\_A.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

### Agency Approvals

[VDE Certificate](#)

2-2324584-0

20 Position, Receptacle, Housing, Crimp, Wire-to-Wire, UL 94V-0, 2.5 mm [.098 in]  
Centerline, 2 Row, 250 VAC, Wire & Cable, Economy Power 2.5



English