

5765271-1 ✓ ACTIVE

AMPOWER

TE Internal #: 5765271-1

PCB Mount Header, Vertical, Cable-to-Board, 12 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Silver, Through Hole - Press-Fit, Power, AMPOWER

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



Connector System: **Cable-to-Board**

Number of Positions: **12**

Number of Rows: **1**

Centerline (Pitch): **2.54 mm [.1 in]**

PCB Mount Orientation: **Vertical**

### Features

#### Product Type Features

Connector System	Cable-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Header

#### Configuration Features

Number of Positions	12
Number of Rows	1
PCB Mount Orientation	Vertical

#### Body Features

Primary Product Color	Black
-----------------------	-------

#### Contact Features

Contact Mating Area Plating Material	Silver
Contact Type	Pin



Contact Current Rating (Max)	40 A
------------------------------	------

### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
---	--------------------------

### Mechanical Attachment

Mating Alignment Type	Polarization
-----------------------	--------------

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

Connector Mounting Type	Board Mount
-------------------------	-------------

Mating Alignment	With
------------------	------

PCB Mount Alignment	With
---------------------	------

PCB Mount Retention	With
---------------------	------

### Housing Features

Housing Material	Polyester
------------------	-----------

Centerline (Pitch)	2.54 mm [.1 in]
--------------------	-----------------

### Usage Conditions

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

### Operation/Application

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

### Industry Standards

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

### Packaging Features

Packaging Quantity	13
--------------------	----

Packaging Type	Tube
----------------	------

### 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 2023 (233) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
--	--



Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

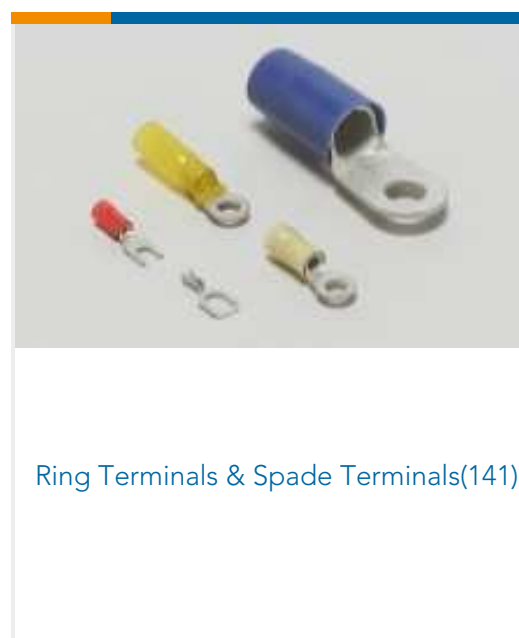
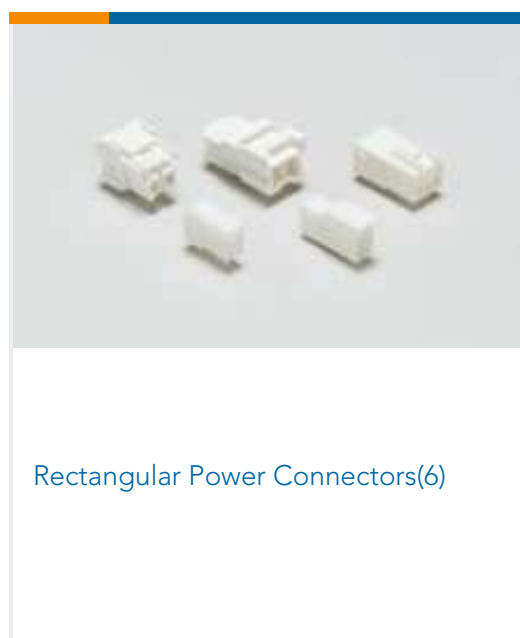
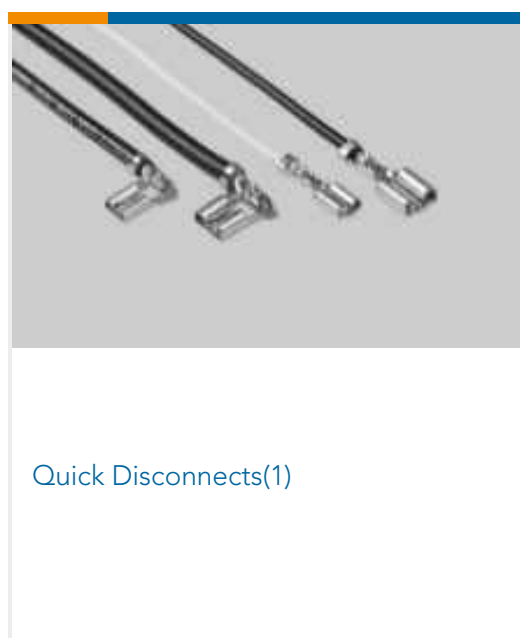
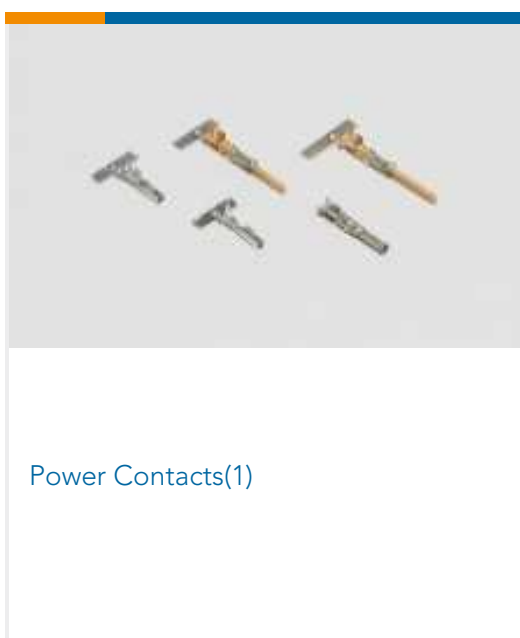
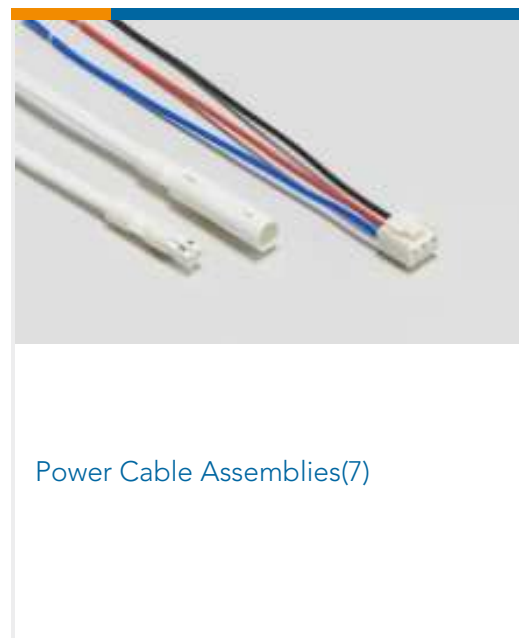
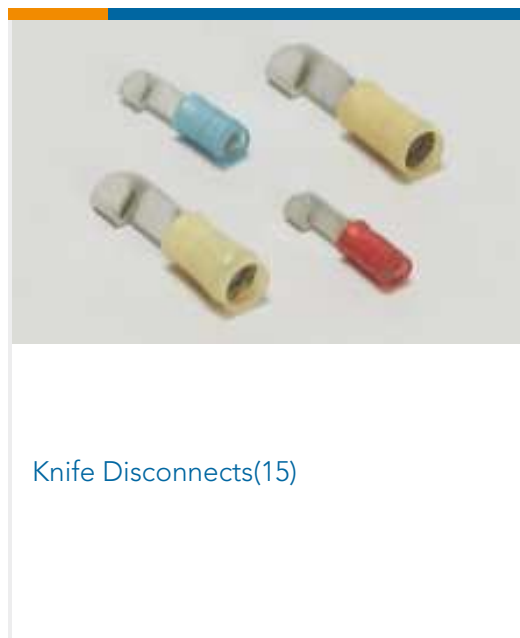
Product Compliance Disclaimer

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



## Also in the Series | AMPPOWER





Splices(40)

## Customers Also Bought



TE Part #2007417-7  
SFP+assy 2x2 gasket Outer Lp Sn



TE Part #5748440-2  
15 RCPT ACT PIN/MS(GRD SHLD)



TE Part #6-146130-0  
22 MODII HDR DRST SFMNT B/A LF



TE Part #2170551-1  
1X6 CAGE ASSEMBLY, BEHIND  
BEZEL, W/ SQR



TE Part #5767121-3  
MICT, PLG, 114, ASY, .025, TAPE CAP



TE Part #6-103167-7  
40 MODII HDR DRRA SHRD LF



TE Part #646483-1  
2MM H.M., A/B 19 SHROUD 3MM



TE Part #766659-1  
WAVE CRIMP CABLE AND ADDED  
ASSY

## Documents

### Product Drawings

#### WAVE CRIMP ACTION PIN HEADER ASSY

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5765271-1\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5765271-1\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5765271-1\\_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