

765241-1 ✓ ACTIVE

## AMPOWER Wave Crimp

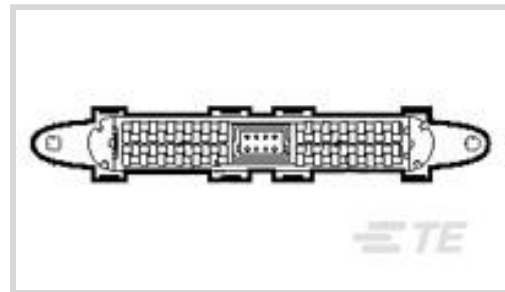
TE Internal #: 765241-1

Rectangular Power Connectors, Housing, Plug, Cable-to-Board, Wire & Cable, UL 94V-0, Standard Part - Not Glow Wire, Power, AMPOWER Wave Crimp

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Sealable: **No**

Connector & Contact Terminates To: **Wire & Cable**

### Features

#### Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

#### Configuration Features

Number of Signal Positions	0
Number of Rows	2

#### Electrical Characteristics

Insulation Resistance	5000 M $\Omega$
Operating Voltage	90 VAC, 250 VAC

#### Contact Features

Contact Mating Area Plating Material	Silver
Contact Base Material	Copper Alloy
Contact Retention Within Housing	Without
Contact Type	Pin, Receptacle

#### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

PCB Mount Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Color	Black
Housing Material	Thermoplastic

### Dimensions

Row-to-Row Spacing	6.35 mm [.25 in]
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### Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 105 °F]
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### Operation/Application

Circuit Application	Power
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### Industry Standards

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

### Packaging Features

Packaging Quantity	1
Packaging Method	Package

### Product Compliance

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

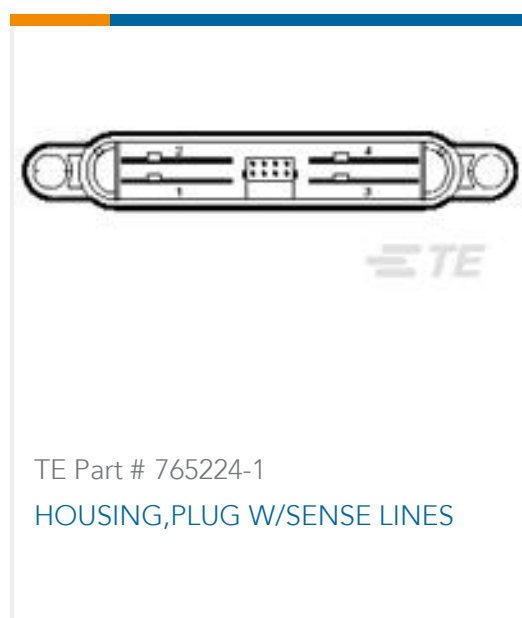
EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

#### Product Compliance Disclaimer

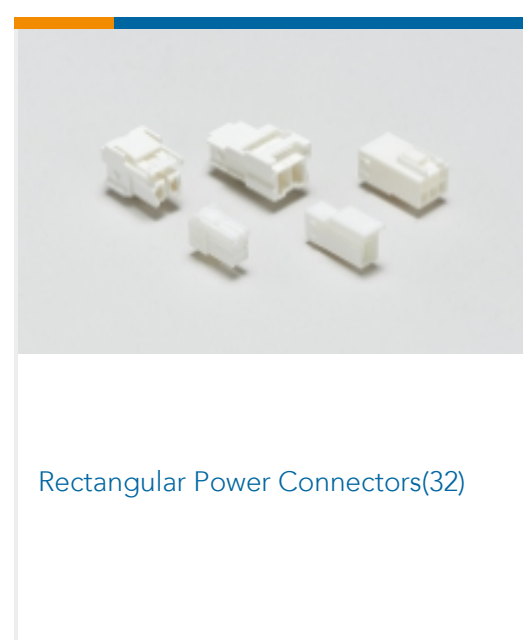
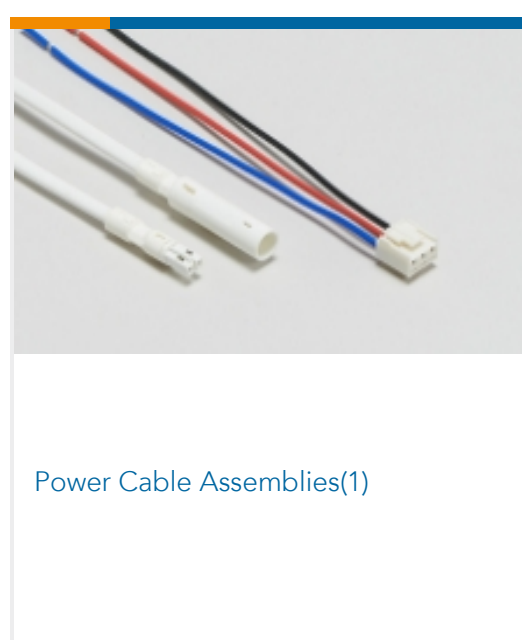
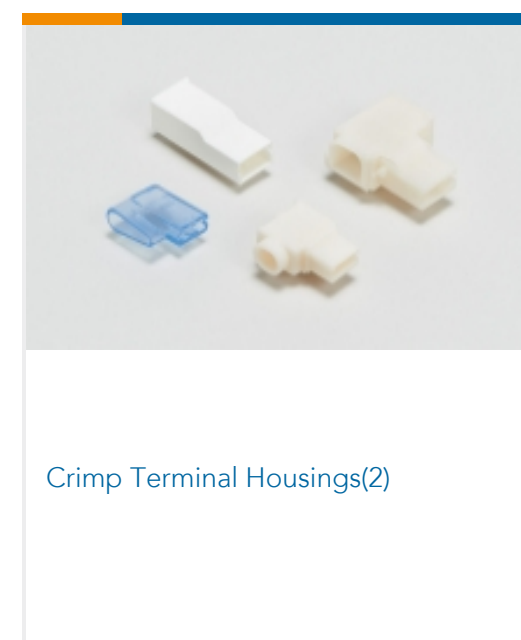
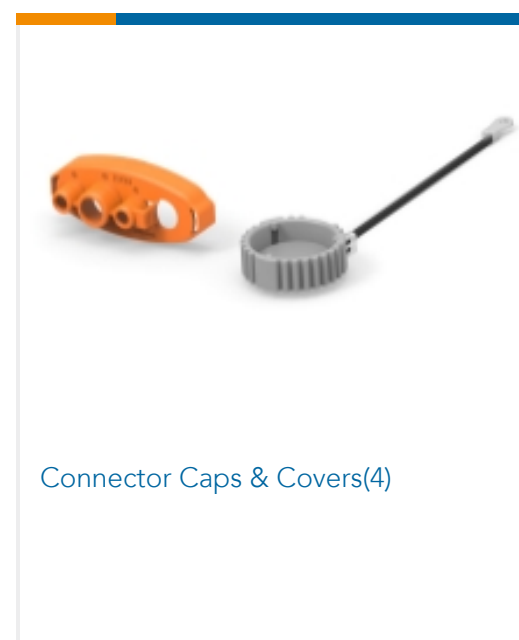
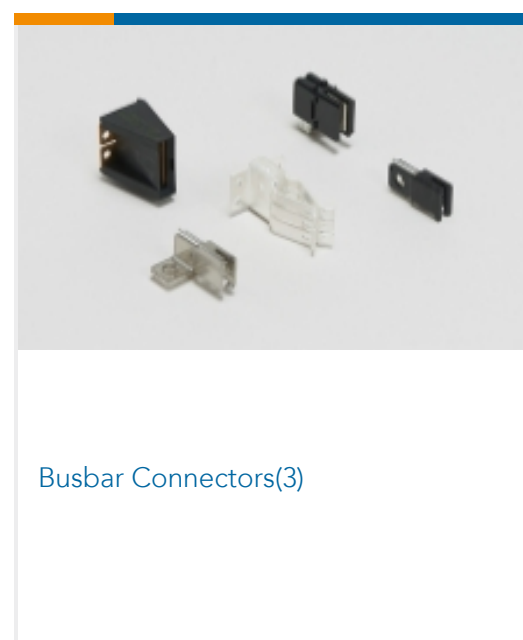
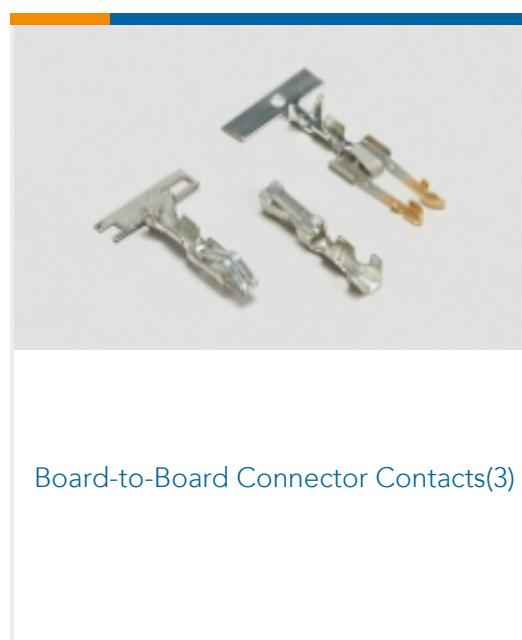
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

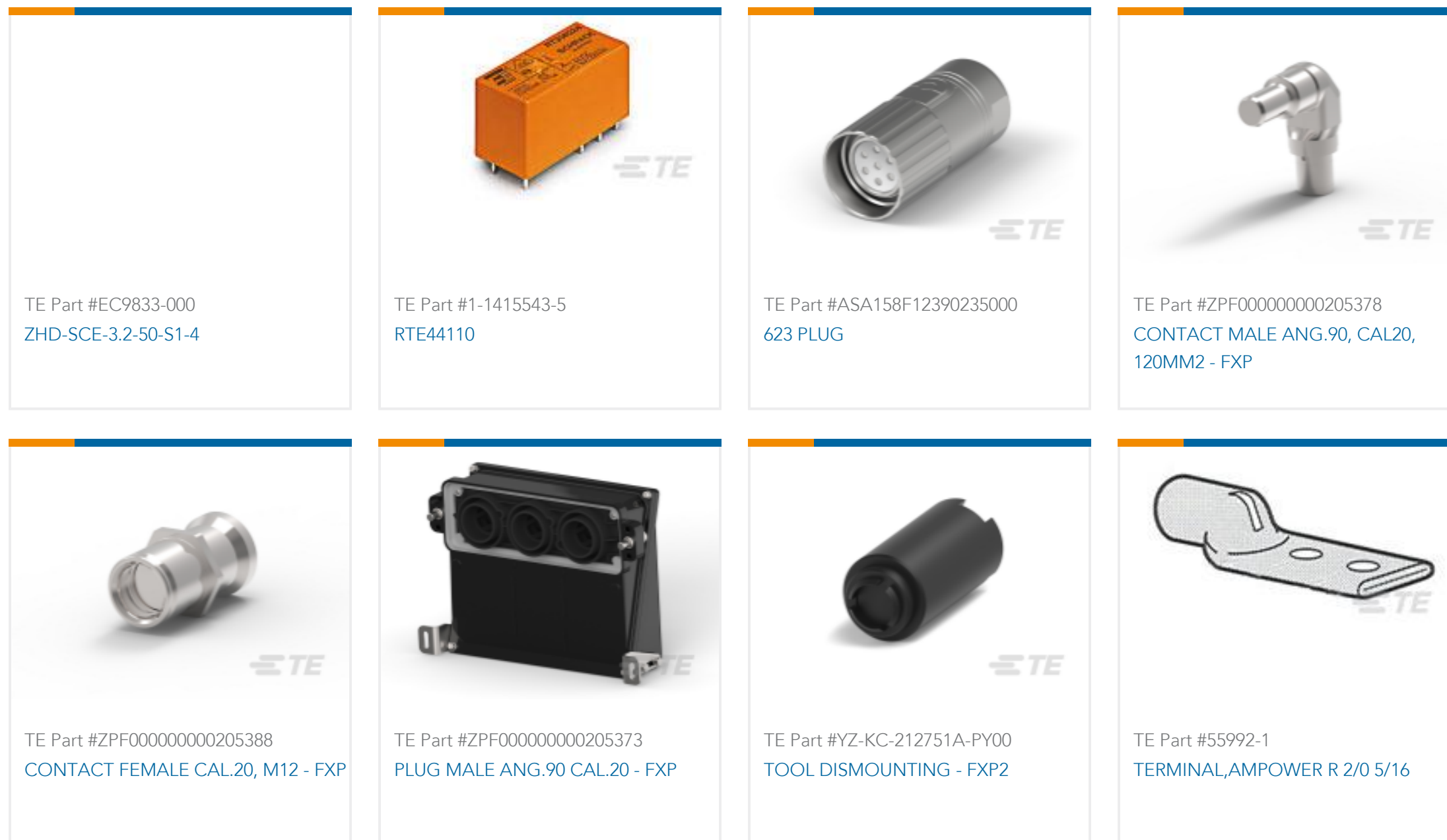
## Compatible Parts



## Also in the Series | AMPOWER Wave Crimp



## Customers Also Bought



## Documents

### Product Drawings

HSG, PLUG, 8 SIGNAL,CBL-CBL

English

### Datasheets & Catalog Pages

POWER\_CONNECTORS\_CATALOG\_SEC06\_AMPOWER

English

### Product Specifications

Application Specification

English

### Agency Approvals

Agency Approval Document

English