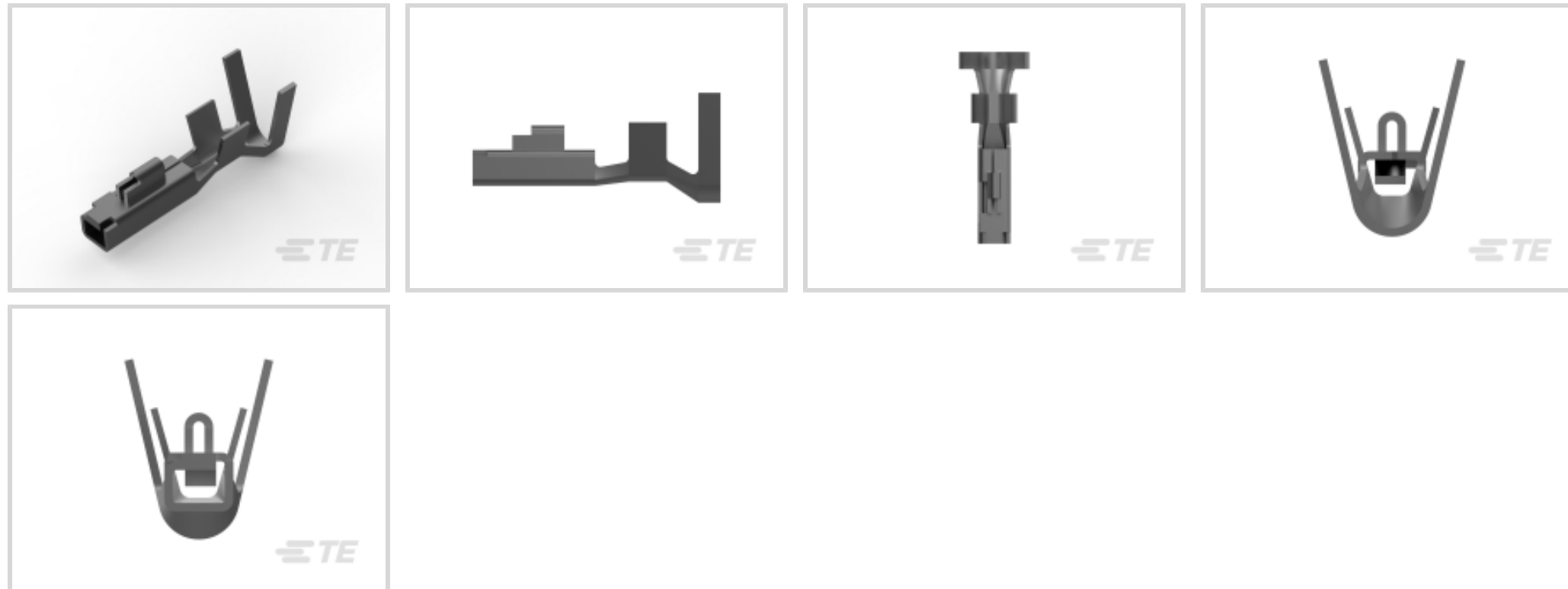




Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Pre-Tin**

Operating Voltage: **50 VAC, 300 VAC**

Contact Retention Within Housing: **With**

### Features

#### Mechanical Attachment

Wire Insulation Support	With
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#### Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

#### Dimensions

Compatible Insulation Diameter Range	1.7 – 3.3 mm [.067 – .13 in]
Wire Size	.5 – 1.42 mm <sup>2</sup>

#### Contact Features

Contact Orientation	Straight
Contact Mating Area Plating Material Thickness	.8 μm [31.49 μin]
Wire Contact Termination Area Plating Material Finish	Matte
Mating Tab Width	1.2 mm [.047 in]
Mating Tab Thickness	.64 mm [.025 in]
Wire Contact Termination Area Plating Thickness	.8 μm [31.49 μin]



Contact Type	Receptacle
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	12 A

### Electrical Characteristics

Operating Voltage	50 VAC, 300 VAC
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### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

### Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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### Operation/Application

Circuit Application	Power
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### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### 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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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



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



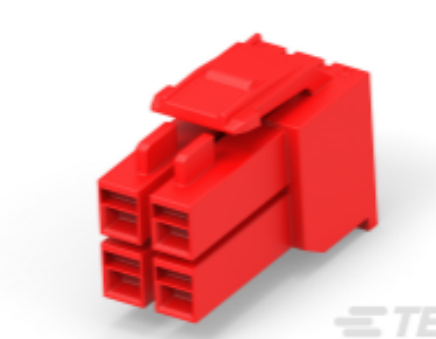
TE Part # 2151087-1  
OCEAN\_2.0\_Applicator-S-070F130F-RSM



TE Part # 178482-4  
UP 3.96 5P PLUG HSG YELLOW




TE Part # 176273-9  
AMP UNIVERSAL POWER PLUG 4P



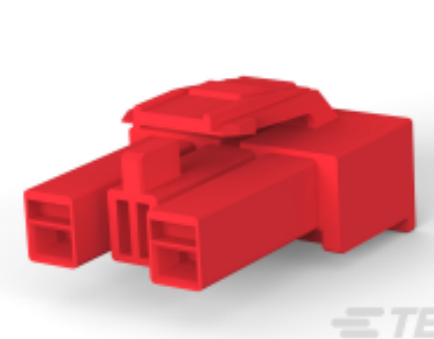
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AMP UNIVERESAL POWER PLUG 4P



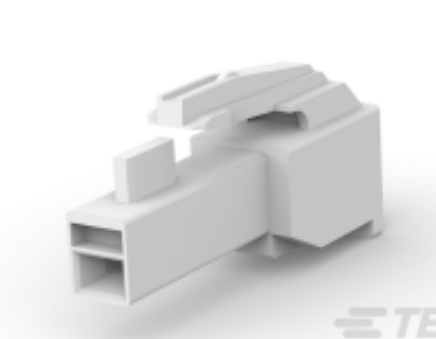
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OCEAN\_2.0\_Applicator-S-070F130F-RSA




TE Part # 1213783-1  
CCII UNVRLS POWER CON REC 26-16 ASSY



TE Part # 178125-2  
UNIVERSAL POWER PLUG HSG 2P




TE Part # 176270-1  
UNIV POWER PLUG HSG 1P F/H




TE Part # 178481-1  
UP 3.96 4P PLUG HSG NATRL



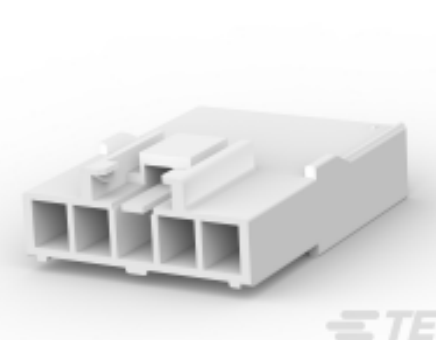
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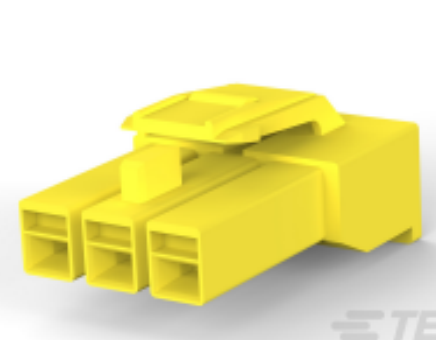
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TE Part # 176278-1  
UNIV POWER PLUG HSG 12P F/H



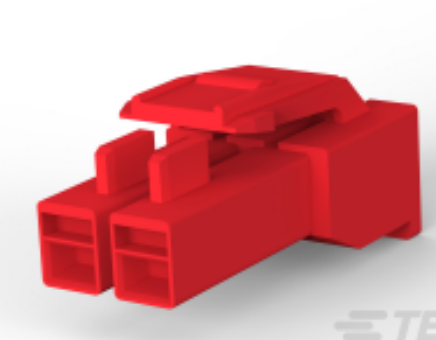
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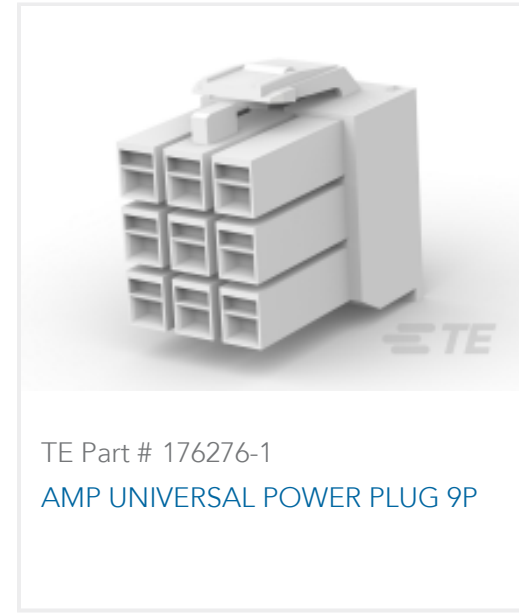
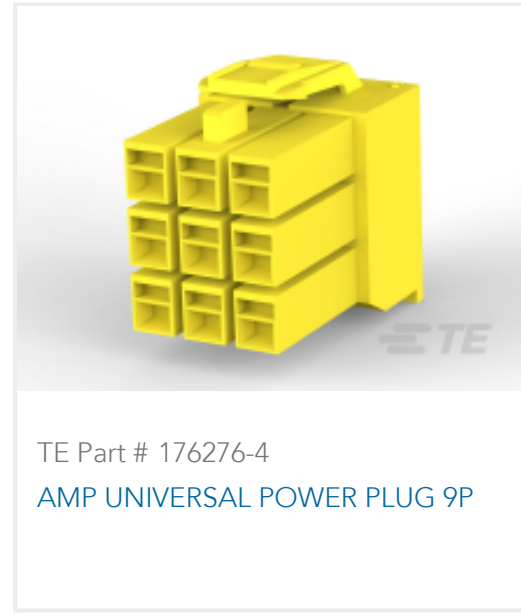
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AMP UNIVERSAL POWER PLUG 3P



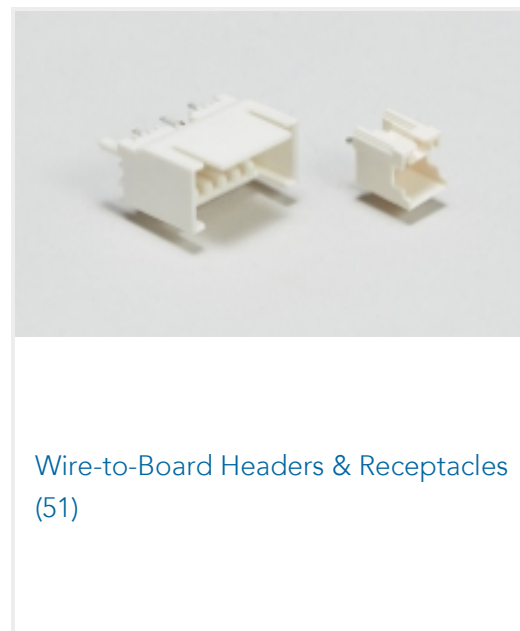
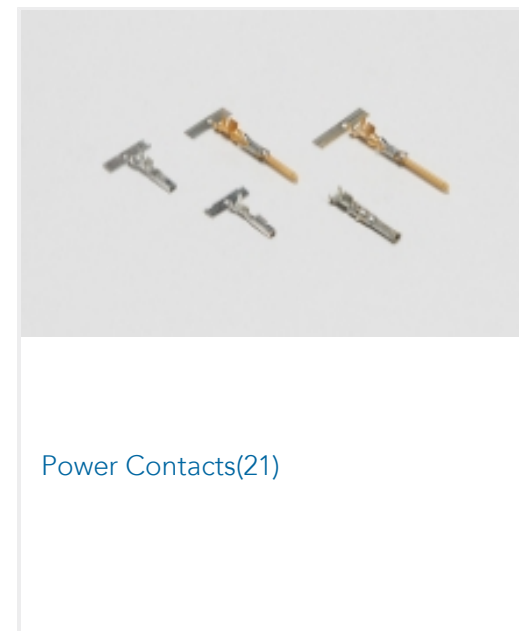
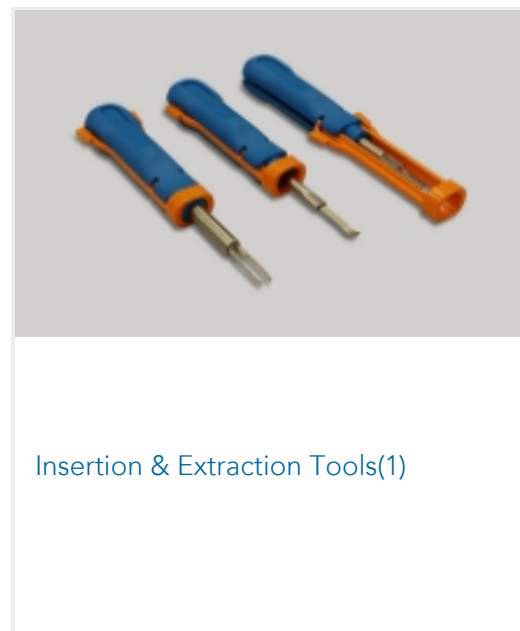
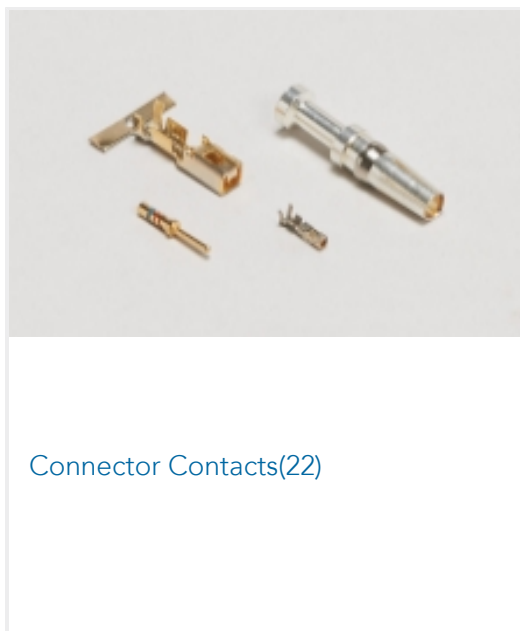
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AMP U/P SGL ROW PLUG HSG 9P



TE Part # 176271-2  
AMP UNIVERSAL POWER PLUG 2P

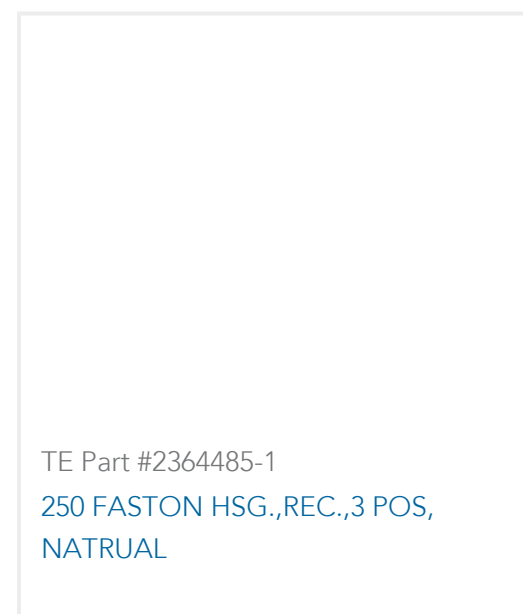
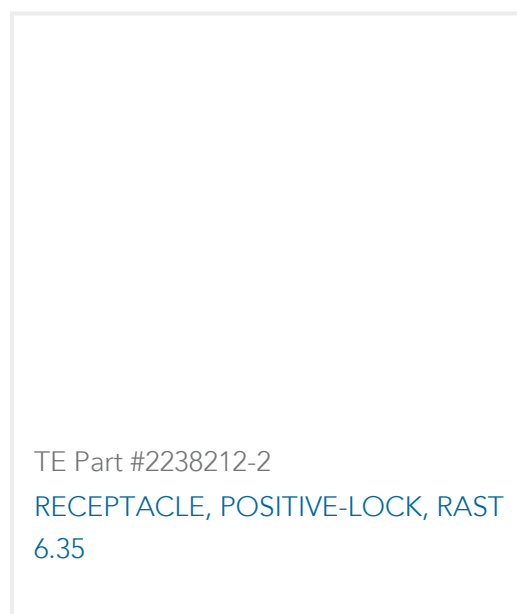


## Also in the Series | AMP Universal Power



## Customers Also Bought





## Documents

### Product Drawings

[AMP UNIVE. POWER CONN REC CONT](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_175152-2\\_R.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_175152-2\\_R.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_175152-2\\_R.3d\\_stp.zip](#)

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[3D PDF](#)

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Customer View Model

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English

Customer View Model

[ENG\\_CVM\\_175152-2\\_E.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_175152-2\\_E.2d\\_dxf.zip](#)

English

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### Product Specifications

[Application Specification](#)

English

[APPLICATION SPECIFICATION AMP UNIVERSAL POWER CONTACT, CRIMPING OF](#)

English



### Instruction Sheets

#### [Extraction Tool for UP\(913923-1\)](#)

English

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

English

#### [AMP UNIVERSAL POWER CONNECTOR SERIES](#)

English

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

English

#### [Hand Tool, PN 914181-1, Universal Power Contact \(Was IS-505J\)](#)

Japanese

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

English

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### Agency Approvals

#### [TUV Certificate](#)

English