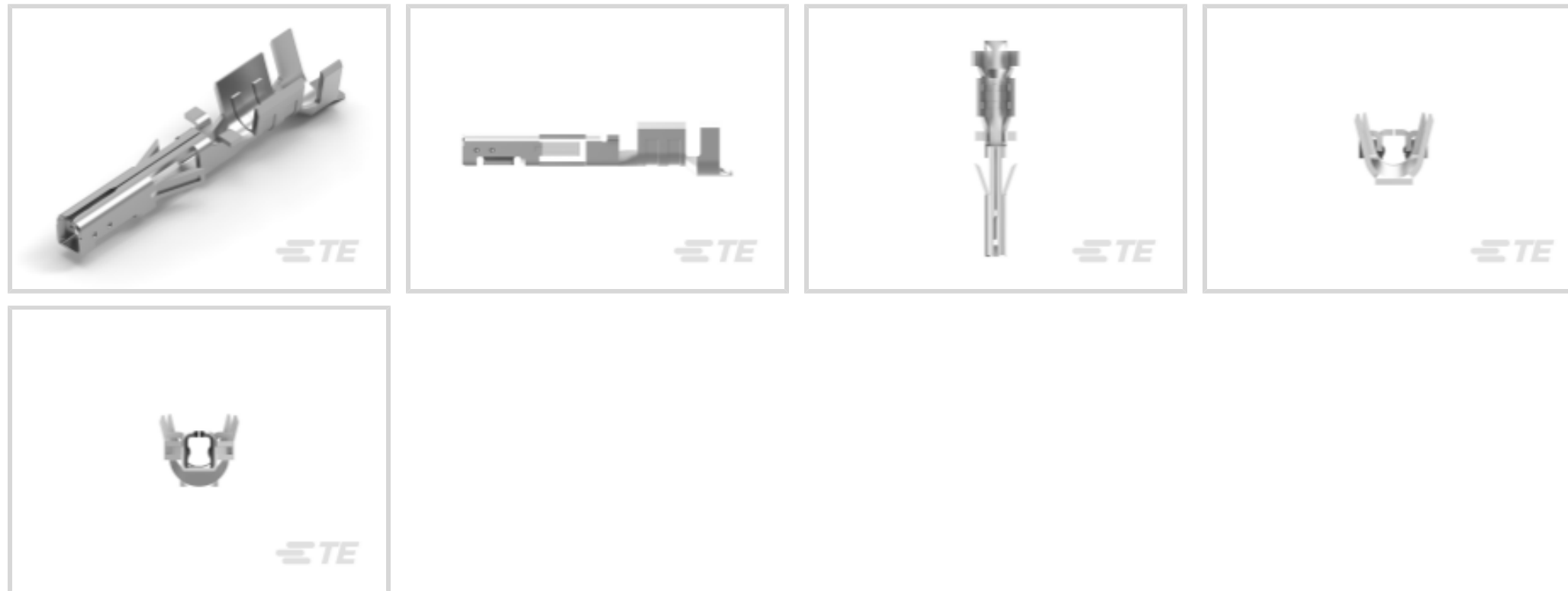




TE Internal #: 1-2204749-8
 Power Contacts, Contact, Operating Voltage 600 VAC, Operating Voltage 600 VDC, Tin, 20 – 24AWG Wire Size, Cable-to-Board, 1 Position

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**
 Operating Voltage: **600 VDC**
 Contact Mating Area Plating Material: **Tin**
 Wire Size: **20 – 24 AWG**

Features

Product Type Features

Power Contact Type	Contact
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
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Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	12.5 A
Contact Type	Receptacle
Contact Retention Within Housing	With
Mating Square Post Dimension	.64 mm[.025 in]
Contact Base Material	Copper Alloy



Contact Mating Area Plating Material Thickness	2.54 μm [100 μin]
Contact Mating Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Material Thickness	2.54 μm [100 μin]
Wire Contact Termination Area Plating Material	Tin
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.25 μm [50 μin]

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	With

Housing Features

Centerline (Pitch)	3 mm[.118 in]
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Dimensions

Wire Size	20 – 24 AWG
Accepts Wire Insulation Diameter Range	1.3 – 1.9 mm

Usage Conditions

Operating Temperature Range	-40 – 105 $^{\circ}\text{C}$
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Bag
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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	Not Yet Reviewed
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: JUL 2021 (219) Not Yet Reviewed

Halogen Content

Not Yet Reviewed for halogen content

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 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



TE Part # 2204748-8
ELCON MICRO, RECEPTACLE HOUSING, 16P

Customers Also Bought



TE Part #2-320569-5
TERMINAL, PIDG R IR 12 1/4



TE Part #1-480426-0
04P CMNL CAP HSG F/H NATL



TE Part #3-2204801-8
ELCON MICRO, HEADER, VERTICAL DIP, 8P



TE Part #7-2204801-8
ELCON MICRO, HEADER, VERTICAL DIP, 16P



Documents

Product Drawings

[ELCON MICRO, RECEPTACLE, CONTACT, TIN](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2204749-8_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2204749-8_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2204749-8_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1-1773956-3-ELCON-Micro-CN](#)

[ELCON Micro Power Connectors \(EN\)](#)

English

Product Specifications

[Application Specification](#)

English

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