



TE Internal #: 1-2204749-8

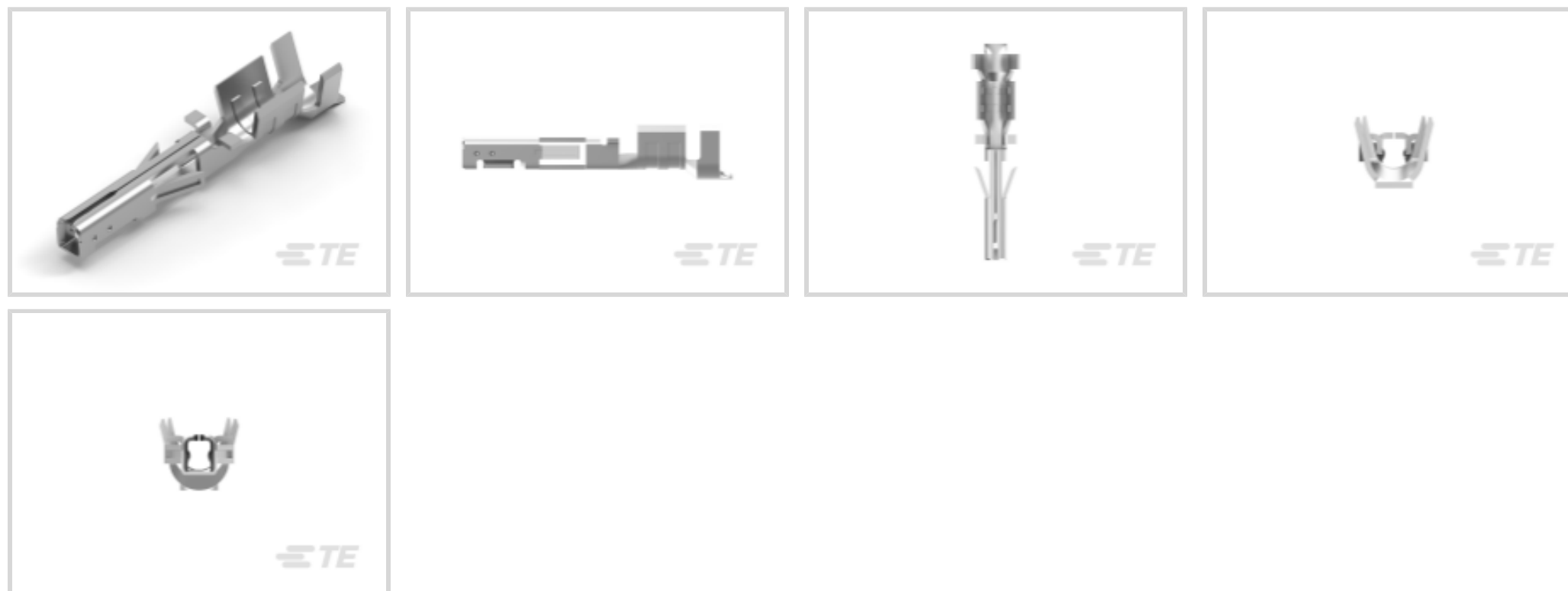
Power Contacts, Contact, 600 VAC, 600 VDC, Tin, 20 – 24 AWG

Wire Size, Wire & Cable, Crimp, Power, Receptacle, -40 – 105 °C,

Wire Insulation Support

[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
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	600 VDC
-------------------	---------

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 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
------------------------------------	-------

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	With

Dimensions

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

Usage Conditions

Operating Temperature Range	-40 – 105 °C
-----------------------------	--------------

Operation/Application

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

Packaging Features

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

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	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: JUNE 2023 (235) 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 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 #6368150-3
MJ, TE, 8P, CAT5, SHIELDED



TE Part #3-1825137-8
A105SYZB04



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



TE Part #2-2329387-0
PB OFF/ON FC GRE M1 TERM BLU LED IP68



TE Part #2000713-1
RA Keyed Guide Mod, Vita 46, Machined



TE Part #587763-000
CWT-11-W122-5



TE Part #109917-E
IBRIDGE RA 05 SMT 105 1 TOR J 3 109913 I



TE Part #119974-E
IBRFHG VE 05 CSI 208 BAG J 3 119979 IBRI



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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

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

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

English

Product Specifications

[Application Specification](#)

English