1-2204749-8 ✔ ACTIVE

TE Internal #: 1-2204749-8

Receptacle Contact, Tin, 600 VAC, 600 VDC, Locking Lance Contact Retention, 20 - 24 AWG Wire Size, Crimp, Copper Alloy, Sealable, Power, -40 - 105 °C

View on TE.com >

Connectors > Contacts > Connector Contacts







Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Tin**

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

Operating Voltage: **600 VDC**

Features

Product Type Features

Sealable	Yes

Electrical Characteristics

Operating Voltage	600 VDC

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Contact Underplating Material Thickness	1.25 µm[50 µin]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Receptacle
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin

Contact Retention Within Housing	With
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	12.5 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Locking Lance

Dimensions

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

Usage Conditions

Operating Temperature Range	-40 - 105 °C

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Method	Bag

Product Compliance

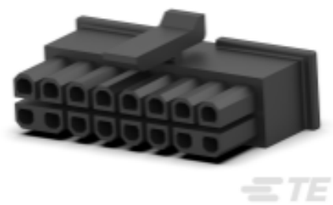
For compliance documentation, visit the product page on TE.com>

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: JAN 2024 (240) 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

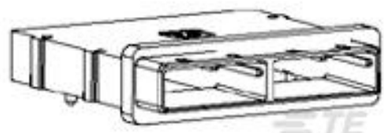
Customers Also Bought



TE Part # 1971903-1
OPEN TOOL, PV4 CONNECTOR



TE Part # 1658624-4
20 NOVO DUAL 30DP, LEAD FREE



TE Part # 1888321-2
Shielded Receptacle Assembly,



TE Part # 1452158-1
MQS, RECEPTACLE AND TAB



TE Part # 2204748-2
ELCON MICRO,RECEPTACLE HOUSING,4P



TE Part # 234464-E
SRCA 1,27 10 M 1 SMD 137 E1 094 * GURT *



TE Part # 474811-E
SRCA 1,27 8 M 1-KS SMD 137 E1 094 * GURT

TE Part # EH9482-000
PC4B0029-19NX-1-C

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 Conditionsof use.

Datasheets & Catalog Pages

1-1773956-3-ELCON-Micro-CN

ELCON Micro Power Connectors (EN)

English

Product Specifications

Application Specification

English