38946-22 ✔ ACTIVE

DEUTSCH

TE Internal #: 38946-22

Gold (Au), Socket Contact, 28 – 22 AWG, 115 VAC, 115 VDC, .08 – .34 mm² Wire, Spring Contact Retention, Size 22, Discrete Wire, Crimp, Copper Alloy

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

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

Operating Voltage: **115 VDC**

Features

Product Type Features

Sealable	Yes

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

Operating Voltage	115 VDC

Contact Features

Barrel Type	Closed
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Size	Size 22
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	5 A
Contact Underplating Material	Nickel

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Spring

Dimensions

Wire Size	.08 – .34 mm²

Usage Conditions

Operating Temperature Range	-65 – 175 °C[-85 – 347 °F]

Operation/Application

Circuit Application	Power, Signal & High Speed Data

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	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (1.2% in componenet part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 245°C

Product Compliance Disclaimer

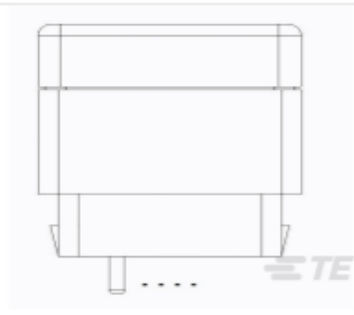
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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 # 38941-22
CONT PIN / SOC

Customers Also Bought



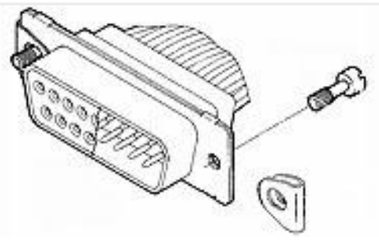
TE Part #65002-06N
RECP ASSY



TE Part #808119-000
228A032-3-0



TE Part #38941-22L
CONTACTS



TE Part #211883-5
SCREW RETAINER KIT,AMPLIMITE



TE Part #321890
TERMINAL,SOLIS R HT 22-16 8



TE Part #1616081-1
A1077B (FAA/PMA)=RELAY



TE Part #1616109-4
A700AQ4=RELAY

TE Part #CTD210-3127
CTD210-3127=RELAY



TE Part #E405-1015
E405-1015=RELAY

TE Part #CTD210-3105
CTD210-3105=RELAY

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_38946-22_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_38946-22_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_38946-22_1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

CONTACTS (=724-0003-22)

English