929972-1 ✔ ACTIVE

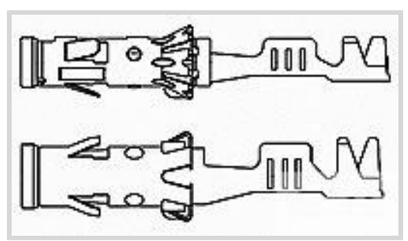
AMP | Round Connector System

TE Internal #: 929972-1

Automotive Terminals, Socket, Pin Diameter 2.5 mm [.098 in], 13 – 11 AWG Wire Size, 2.5 – 4 mm² Wire Size, Round Connector System

View on TE.com >

Terminals & Splices > Automotive Terminals > ROUND CONNECTOR SYSTEM, PIN AND SOCKET



Terminal Type: **Socket**

Mating Pin Diameter: **2.5 mm [.098 in]**

Terminal Transmits: **25 – 40 A (Power)**

Wire Size: **2.5 – 4 mm²**

All ROUND CONNECTOR SYSTEM, PIN AND SOCKET (53)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

Contact Features

Contact Size	2.5mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	40 A
Crimp Type	F-Crimp
Terminal Type	Socket
Mating Pin Diameter	2.5 mm[.098 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	2.7 – 3.6 mm[.106 – .141 in]
Wire Size	2.5 – 4 mm²

Wire Size Search	11 AWG, 12 AWG, 13 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Operation/Application

Compatible With Wire Base Material	Copper

Packaging Features

Packaging Quantity	3000
Packaging Method	Reel

Other

Terminal Transmits	25 – 40 A (Power)

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

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 # 1-1579007-8
EXTRACTION TOOL



TE Part # 929965-1
STIFTKONTAKT 2,5MMD



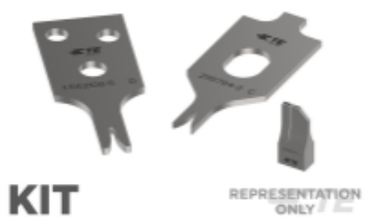
TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 2836098-1
OCEAN_2.0_Applicator-S-120F160O-RSM



TE Part # 2836098-2
OCEAN_2.0_Applicator-S-120F160O-RSA



TE Part # 7-2836098-7
OCEAN_2.0_SPARE_PART_KIT-120F160O

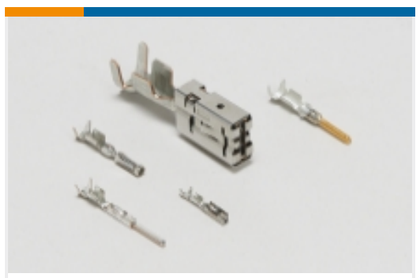
Also in the Series | Round Connector System



Automotive Connector Caps & Covers (3)



Automotive Housings(13)



Automotive Terminals(53)



Connector Seals & Cavity Plugs(3)

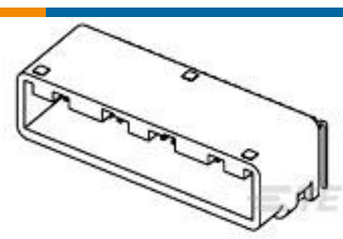


Insertion & Extraction Tools(8)

Customers Also Bought



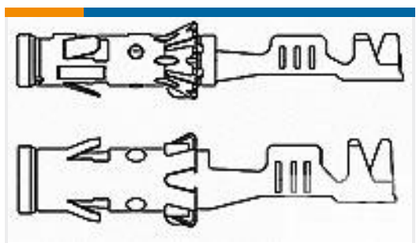
TE Part #2-1418483-1
Heavy Duty Sealed Connector Series Housings



TE Part #1318384-4
025 40POS CAP ASSY H TIN



TE Part #4-2176327-1
CRGP 0805 22K 1%



TE Part #929971-1
BU-KONTAKT 2,5MMD



TE Part #964267-1
TAB A 1.6x0.6 CONTACT CS SRC Sn



TE Part #9-1393303-7
V23134J0053D642-EV-CBOX



TE Part #K1002982
Toggle Switch 07-2-2-15

Documents

Product Drawings

BU-KONTAKT 2,5MMD

German

CAD Files

Customer View Model

ENG_CVM_929972-1_A5.3d_igs.zip

English

Customer View Model

ENG_CVM_929972-1_A5.3d_stp.zip

English

Customer View Model

ENG_CVM_929972-1_A5.2d_dxf.zip

English

3D PDF

English

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

Datasheets & Catalog Pages

Heavy Duty Connectors

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

ET**Contact 2.5 mm Diameter

English

Application Specification

English

Application Specification

English

Application Specification

German