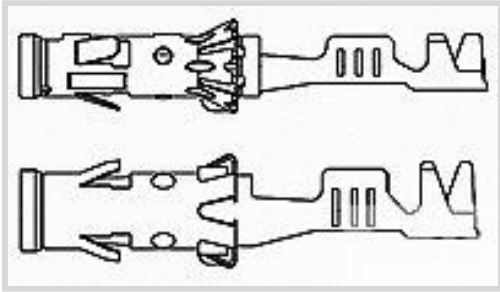




Terminals & Splices > Automotive Terminals > ROUND CONNECTOR SYSTEM, PIN AND SOCKET



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 (48)

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
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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
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Packaging Features

Packaging Quantity	3000
Packaging Method	Reel

Other

Terminal Transmits	25 – 40 A (Power)
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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(10)

Automotive Terminals(48)

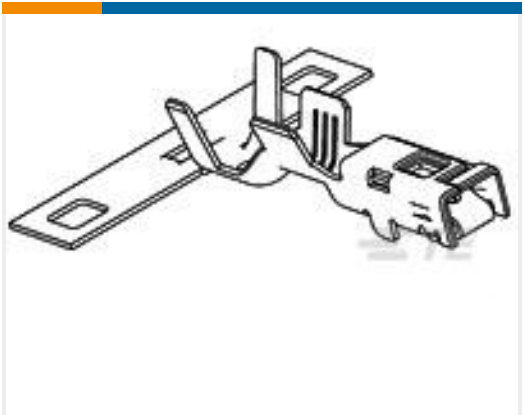
Connector Seals & Cavity Plugs(5)

Insertion & Extraction Tools(8)

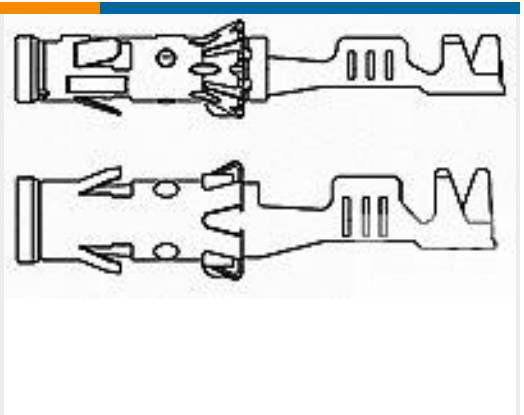
Customers Also Bought



TE Part #1564880-1
GET 0.64,FEMALE TERMINAL 0.13M



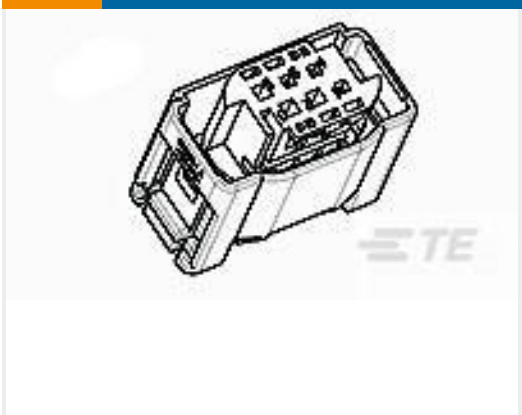
TE Part #1326032-3
2.8MM RECP,SEAL,18AWG



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



TE Part #1355964-2
MPQ PIN CONTACT



TE Part #3-967616-1
6POS MQS REC SEALED COD C



TE Part #2295173-1
COVER,90 DEG



TE Part #2300010-1
24POS,0.64 GENER. Y,REC HSG,ASSY



TE Part #AS118-35PA
RECEPT.CABLE COUP. TYPE 1



TE Part #AS118-35PB
RECEPT.CABLE COUP. TYPE 1



TE Part #EGCS-250-C10004
EGCS-A2-250-/L10M

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

German

Application Specification

English