



Terminals & Splices > Automotive Terminals



Terminal Type: **Socket**
Mating Pin Diameter: **2.39 mm [.094 in]**
Terminal Transmits: **25 - 40 A (Power)**
Wire Size: **2. - 4. mm²**

Features

Product Type Features

Sealable	No
Primary Locking Feature	On the Terminal

Body Features

Terminal Seal Type	Family Seal or Unsealed
--------------------	-------------------------

Contact Features

Contact Size	Size 12
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	25 A
Crimp Type	F-Crimp
Terminal Type	Socket
Mating Pin Diameter	2.39 mm[.094 in]
Interface Plating	Nickel (Ni)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	2.87 - 4.47 mm[.113 - .176 in]
Wire Size	2. - 4. mm²



Wire Size Search	12 AWG, 14 AWG
------------------	----------------

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 - 125 °C[-67 - 257 °F]

Operation/Application

Compatible With Wire Base Material	Copper
------------------------------------	--------

Packaging Features

Packaging Quantity	2500
Packaging Method	Reel

Other

Customer Preferred Contact	Yes
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 reviewed for solder process capability

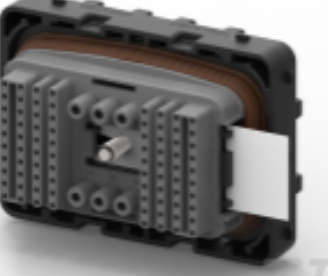
Product Compliance Disclaimer

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 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 # CAT-H3930-CH8172 DEUTSCH HD30 Housings	 TE Part # CAT-H396-CH8172 DEUTSCH HDP20 Housings	 TE Part # CAT-D781-CH8172 DEUTSCH DRB Housings	 TE Part # CAT-D486-CH8172 DEUTSCH DTP Housings
 TE Part # CAT-D799-CH8172 DEUTSCH DRC Housings	 TE Part # CAT-D48-PCH8172 DEUTSCH DTHD Housings	 TE Part # DRCP28-86SB PLG, 86P, BLK, 12/20, B	 TE Part # DRCP28-86SC PLG, 86P, BLK, 12/20, C
 TE Part # CAT-H3910-CH8172 DEUTSCH HD10 Housings	 TE Part # JS-12-00 JIFFY SPLICE, size 12	 TE Part # 0460-204-12141 PIN, SOLID, SIZE 12, 12-14AWG, NI	 TE Part # DRCP28-86SA PLG, 86P, BLK, 12/20, A
 TE Part # 1060-12-0166 PIN, SF, SIZE 12, 12-14, NI/SN	 TE Part # 2266124-1 OCEAN_2.0_Applicator-S-117F156O-RSM	 TE Part # 2266124-2 OCEAN_2.0_Applicator-S-117F156O-RSA	 TE Part # 2266125-1 OCEAN-2.0-APPLICATOR-S-117F134O-RSM





TE Part # 2266125-2
OCEAN-2.0-APPLICATOR-S-117F134O-RSA



TE Part # 2266126-1
OCEAN_2.0-APPLICATOR-S-117F114O-RSM



TE Part # 2266126-2
OCEAN_2.0-APPLICATOR-S-117F114O-RSA



TE Part # 2389167-1
SDE F DEUTSCH (SIZE 12) 3.0-4.0mm2 ASSY

Also in the Series

DEUTSCH Common Contact



Automotive Terminals(91)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part # 1060-16-0122
DEUTSCH Size 16 Crimp Contacts



TE Part # 63130-3
SPLICE REC. 1500-5000 .020 TPBR



TE Part # 1062-20-0144
SOC, SF, SIZE 20, 16-22, AU/SN



TE Part # EK5194-000
ES2000-NO.6-H2-0-39MM

Documents

Product Drawings

SOC, SF, SIZE 12, 12-14, NI/SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1062-12-0166_E_c-1062-12-0166-e.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1062-12-0166_E_c-1062-12-0166-e.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1062-12-0166_E_c-1062-12-0166-e.3d_stp.zip



English

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

Datasheets & Catalog Pages

CONNECTOR SELECTOR

English

Product Specifications

Engineering Report

English