



Terminals & Splices > Automotive Terminals



Terminal Type: **Socket**
Mating Pin Diameter: **2.4 mm [.094 in]**
Terminal Transmits: **25 – 40 A (Power)**
Wire Size: **2. – 4. mm²**

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Integrated in Housing

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	2.4 mm[.094 in]
Interface Plating	Nickel (Ni)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	2.9 – 4.5 mm[.113 – .176 in]
Wire Size	2. – 4. mm²



Wire Size Search	12 AWG, 14 AWG
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Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature (Max)	150 °C[302 °F]
Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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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: 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 reviewed for solder process capability

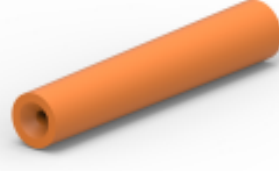
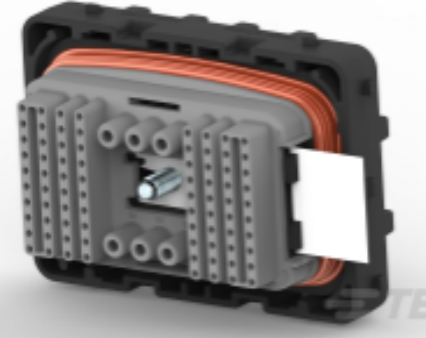
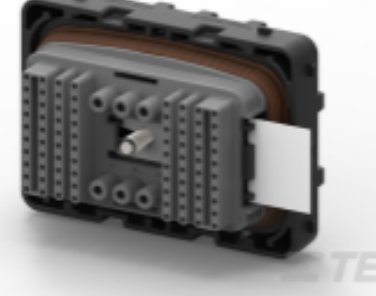
Product Compliance Disclaimer

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-D781-CH8172 DEUTSCH DRB Housings	 TE Part # CAT-H396-CH8172 DEUTSCH HDP20 Housings	 TE Part # CAT-D799-CH8172 DEUTSCH DRC Housings
 TE Part # JS-12-00 JIFFY SPLICE, size 12	 TE Part # CAT-D48-PCH8172 DEUTSCH DTHD Housings	 TE Part # CAT-H991-CH8172 AMPSEAL 16 Hybrid Lever Housings	 TE Part # CAT-D486-CH8172 DEUTSCH DTP Housings
 TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts	 TE Part # 1060-12-0144 PIN, SF, SIZE 12, 12-14, AU/SN	 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 # DRCP28-86SA PLG, 86P, BLK, 12/20, A	 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

Also in the Series | DEUTSCH Common Contact



Automotive Terminals(129)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #6609021-8
5VB3=F7127 S0



TE Part #3-640441-6
06P MTA100 CONN ASSY WHT



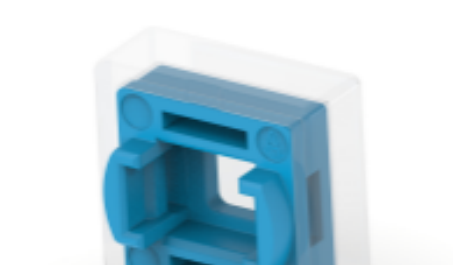
TE Part #770339-1
03P .093 COMM P&S RECPT .250CL



TE Part #322249
PG SPD FLG 22-16COMM 22-18MIL 6



TE Part #1060-12-0166
PIN, SF, SIZE 12, 12-14, NI/SN



TE Part #2311403-4
CAP, SQ, ILLUMINATED TACT SWITCH, BLUE



TE Part #324165
TERMINAL,PG SPD FLG 16-14 6



TE Part #1SNA290350R2100
D2.5/5.C3.L



TE Part #184166-1
2 POS. CAP HSG., KEY D



Documents

Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1062-12-0144_E_c-1062-12-0144-e.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1062-12-0144_E_c-1062-12-0144-e.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1062-12-0144_E_c-1062-12-0144-e.3d_stp.zip

English

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Datasheets & Catalog Pages

DEUTSCH HD30 & HDP20 CONNECTOR SERIES

English

CONNECTOR SELECTOR

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Product Specifications

Engineering Report

English