



Terminals & Splices > Automotive Terminals



Terminal Type: **Socket**
Wire Size: **14 – 12 AWG**
Interface Plating: **Gold (Au)**
Primary Locking Feature: **Integrated in Housing**

Features

Product Type Features

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

Body Features

Terminal Seal Type	Family Seal or Unsealed
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Contact Features

Typical Current Rating	25 A
Crimp Type	F-Crimp
Contact Size	Size 12
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Socket
Interface Plating	Gold (Au)
Mating Pin Diameter	2.4 mm[.094 in]

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	14 – 12 AWG
Wire Size Search	2 mm², 3 mm², 4 mm²

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 Method	Reel
Packaging Quantity	2500

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

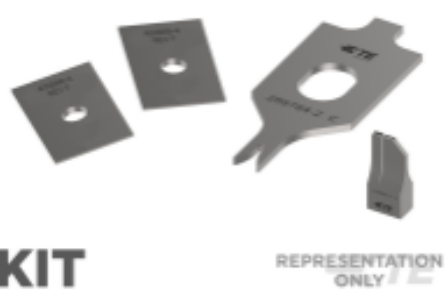
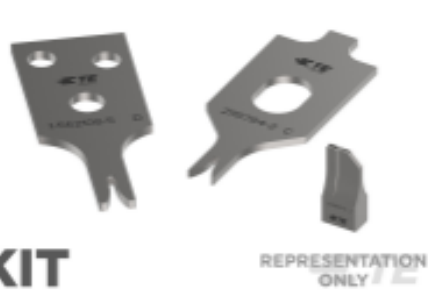
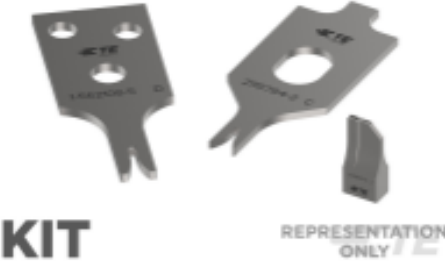
Product Compliance Disclaimer

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

 KIT REPRESENTATION ONLY TE Part # 7-2266125-8 OCEAN_2.0_CONVERSIONKIT_DEUTSCH-117F134O	 TE Part # CAT-H3910-CH8172 DEUTSCH HD10 Housings	 KIT REPRESENTATION ONLY TE Part # 7-2266124-7 OCEAN_2.0_SPARE_PART_KIT-117F156O	 TE Part # 2266126-1 OCEAN_2.0_APPLICATOR-S-117F114O-RSM
 TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts	 TE Part # 2389167-2 SDE F DEUTSCH (12) 3.0-4.0mm2 DIE SET	 TE Part # CAT-D48-PCH8172 DEUTSCH DTHD Housings	 KIT REPRESENTATION ONLY TE Part # 7-2266126-7 OCEAN_2.0_SPARE_PART_KIT-117F114O
 TE Part # DRCP28-86SB PLG, 86P, BLK, 12/20, B	 TE Part # CAT-H396-CH8172 DEUTSCH HDP20 Housings	 REPRESENTATION ONLY. DIE SET MAY VARY. TE Part # 2389167-1 SDE F DEUTSCH (SIZE 12) 3.0-4.0mm2 ASSY	 TE Part # 2266125-2 OCEAN-2.0-APPLICATOR-S-117F134O-RSA
 TE Part # CAT-H3930-CH8172 DEUTSCH HD30 Housings	 TE Part # 1060-12-0144 PIN, SF, SIZE 12, 12-14, AU/SN	 TE Part # DRCP26-126SA PLG, 126P, BLK, 12/20, A	 TE Part # CAT-D781-CH8172 DEUTSCH DRB Housings



TE Part # DRCP28-86SC
PLG, 86P, BLK, 12/20, C



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

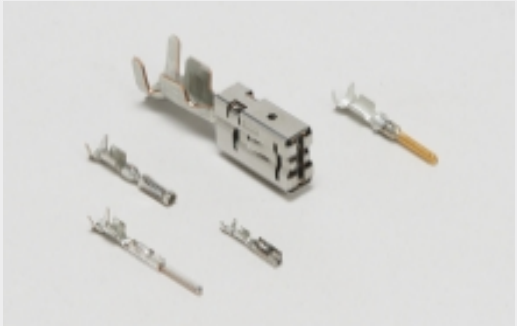


TE Part # 2266124-1
OCEAN_2.0_Applicator-S-117F156O-RSM



TE Part # 2266125-1
OCEAN-2.0-APPLICATOR-S-117F134O-RSM

Also in the Series | **DEUTSCH Common Contact**



Automotive Terminals(127)



Insertion & Extraction Tools(8)

Customers Also Bought



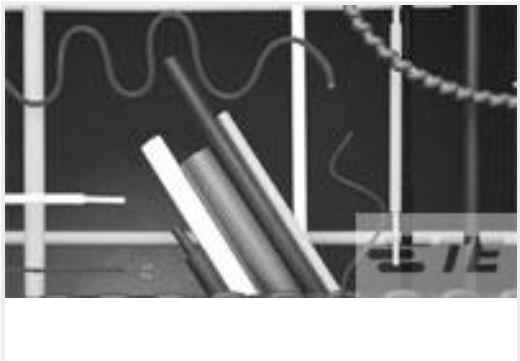
TE Part #1062-16-0144
SOC, SF, SIZE 16, 14-18, AU/SN



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



TE Part #1062-12-0244
SOC, SF, SIZE 12, 10, AU/SN



TE Part #5068324006
CGPT-9.5/4.8-6-SP



TE Part #DTP06-4S
PLG, 4P, GRY, N



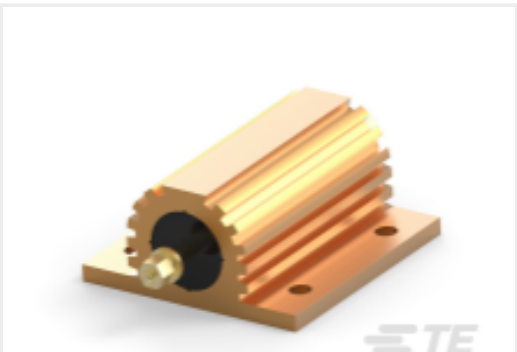
TE Part #NB07172001
BATTU-25.4/12.7-A1-2-STK



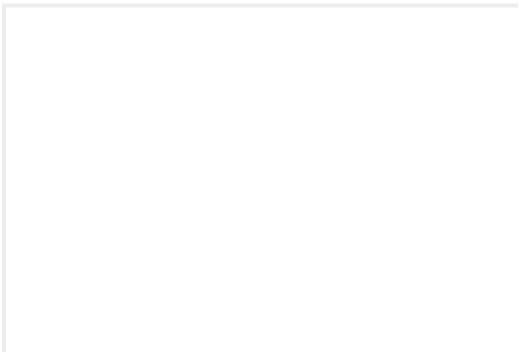
TE Part #1060-12-0144
PIN, SF, SIZE 12, 12-14, AU/SN



TE Part #4-2600021-5
XRC SOCKET 16-20 AWG Gold Plated



TE Part #1-2176732-6
HSC150S 1R8 5% Screw Terminal



TE Part #KMAH1-09-1-C-S1-HE
KMAH1-09-1-C-S1-HE



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

English

Product Specifications

Engineering Report

English