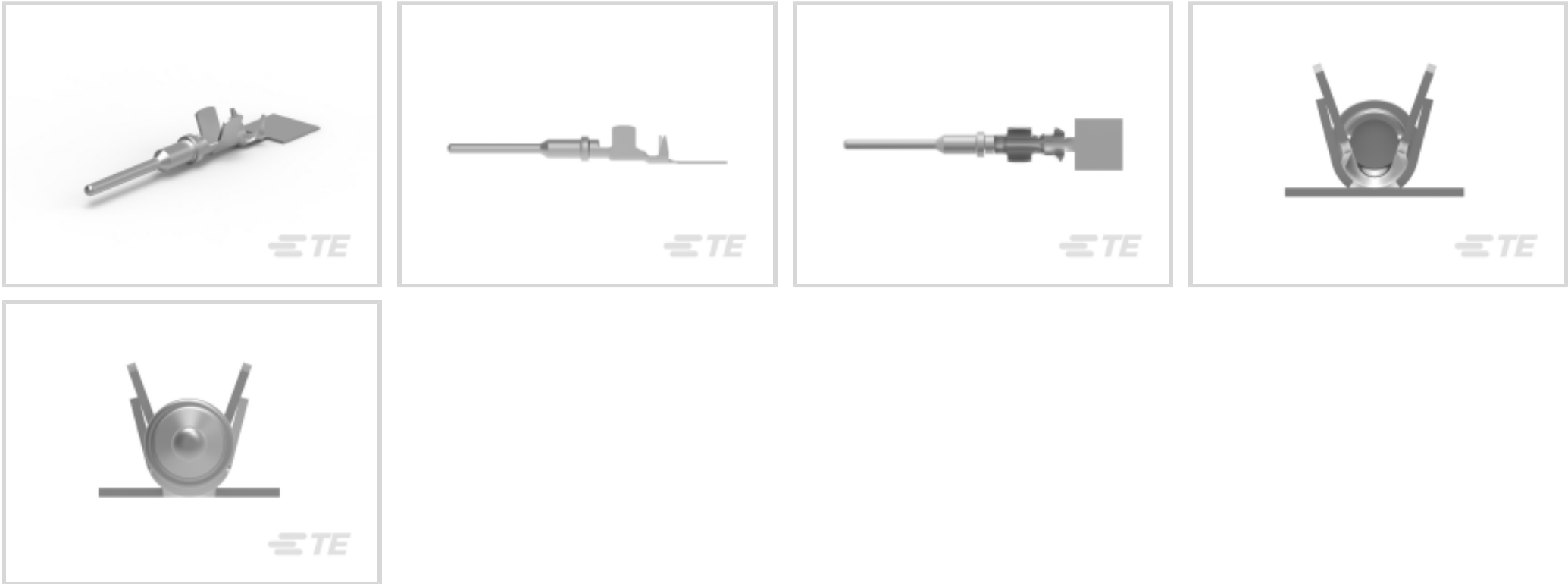




Terminals & Splices > Automotive Terminals



Terminal Type: Pin
Wire Size: 22 – 16 AWG
Interface Plating: Tin (Sn)
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	7.5 A
Crimp Type	F-Crimp
Contact Size	Size 20
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Pin
Interface Plating	Tin (Sn)
Mating Pin Diameter	1 mm[.04 in]



Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.3 – 2.2 mm[.051 – .085 in]
Wire Size	22 – 16 AWG
Wire Size Search	.35 mm², .5 mm², .75 mm², 1 mm², 1.5 mm²

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

Other

Customer Preferred Contact	Yes
Terminal Transmits	0 – 24 A (Low Power)

Product Compliance

For compliance documentation, visit the product page on TE.com>

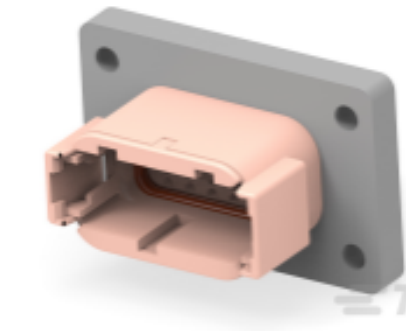
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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

 TE Part # DTM04-08PB-E003 REC, 8P, BLK, N, CAP, B	 TE Part # 5-2266120-1 OCEAN_2.0_APPLICATOR-S-069F052O-RSM	 TE Part # 5-2266119-1 OCEAN_2.0_APPLICATOR-S-069F068O-RSM	 TE Part # YDTM04-08PD-L02500 REC, 8P, BRN, N, FLANGE, D
 TE Part # DTM04-08PC-EE04 REC, 8P, BLK, N, HIGH TEMP, C	 TE Part # DTM04-08PC-E004 REC, 8P, BLK, N, C	 TE Part # DTM04-08PC-E005 REC, 8P, BLK, N, CAP, C	 TE Part # 2266120-2 OCEAN_2.0_APPLICATOR-S-069F052OA-RSA
 TE Part # CAT-D799-CH8172 DEUTSCH DRC Housings	 TE Part # DTM04-12PD-L012 REC, 12P, BRN, N, FLANGE, D	 TE Part # 2390511-1 SDE F DEUTSCH 20 PIN/SKT 18-22AWG ASSY	 TE Part # DTM04-12PB-E005 REC, 12P, BLK, N, CAP, B



TE Part # DTM04-12PC-EE04
REC, 12P, BLK, N, HIGH TEMP, C



TE Part # 1062-20-0222
SOC, SF, SIZE 20, 16-22, NI/NI



TE Part # YDTM04-08PA-L02500
REC, 8P, GRY, N, FLANGE, A



TE Part # DTM04-12PB-E003
REC, 12P, BLK, N, CAP, B



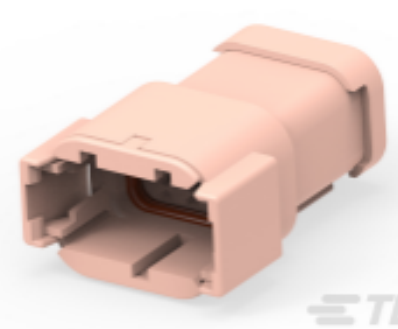
TE Part # 1062-20-0677
SOC, SF, SIZE 20, 14-16, SN/SN



TE Part # YDTM04-08PC-L02500
REC, 8P, GRN, N, FLANGE, C



TE Part # DTM04-08PC-E018
REC, 8P, GRN, N, HIGH TEMP, C



TE Part # DTM04-08PD-E003
REC, 8P, BRN, N, CAP, D

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

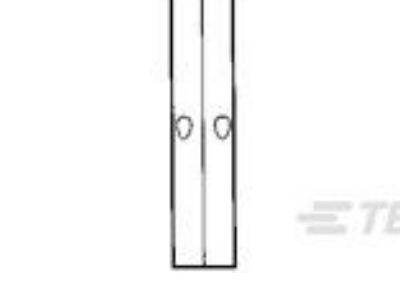


Automotive Terminals(127)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #34227
BUDGET BUTT SPLICE 16-14



TE Part #796466-1
SLD CPC RCPT ASSY,23-16,STD SX



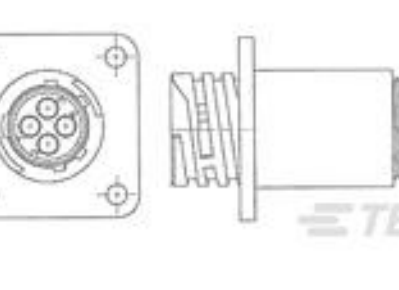
TE Part #DTM04-12PA-L012
REC, 12P, GRY, N, FLANGE, A



TE Part #1062-20-0277
SOC, SF, SIZE 20, 16-22, SN/SN



TE Part #2-2350891-1
20POS,HYBRID,PIN HSG ASSY,SLD, COD A



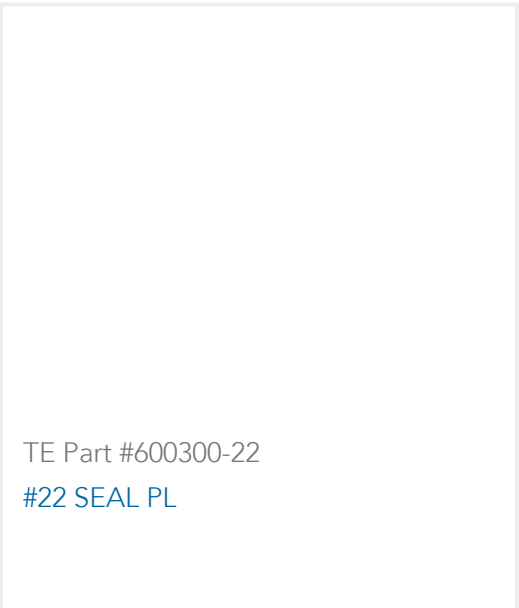
TE Part #796286-1
RCPT.ASSY,23-37STD SEX SQ.FLNG



TE Part #1062-20-0377
SOC, SF, SIZE 20, 16-22, SLEVLESS, SN /SN



TE Part #2141783-2
3POS,RING TONGUE,HSG,ASSY, SEALED



Documents

Product Drawings

PIN, SF, SIZE 20, 16-22, SN/SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1060-20-0277_H_c-1060-20-0277-h.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1060-20-0277_H_c-1060-20-0277-h.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1060-20-0277_H_c-1060-20-0277-h.3d_stp.zip

English

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

Datasheets & Catalog Pages

DEUTSCH HD30 & HDP20 CONNECTOR SERIES

English

Product Specifications

Application Specification

English