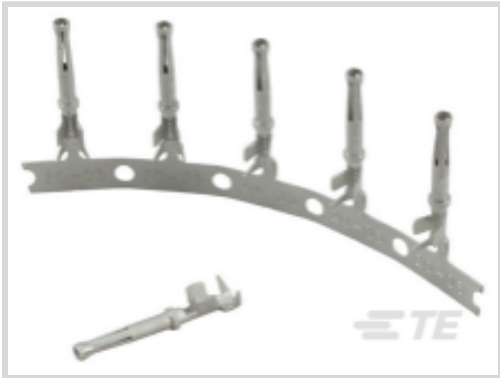




Terminals & Splices > Automotive Terminals



Terminal Type: **Socket**
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	Socket
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	1.9 – 3.2 mm[.075 – .125 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

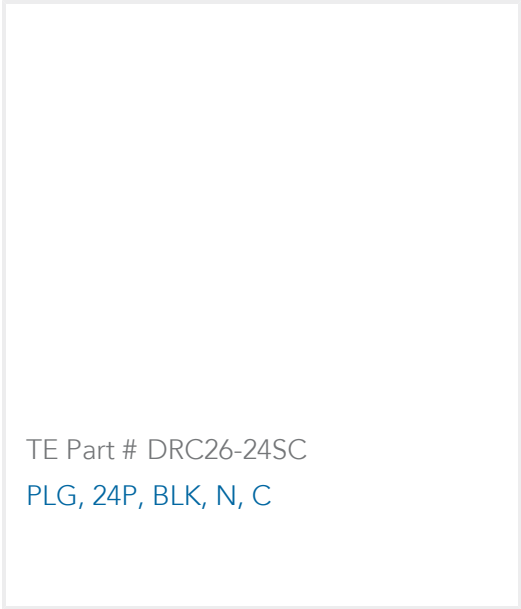
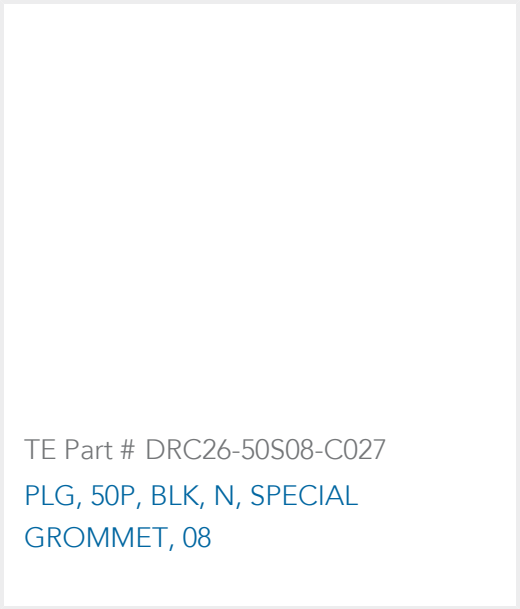
Product Compliance Disclaimer

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

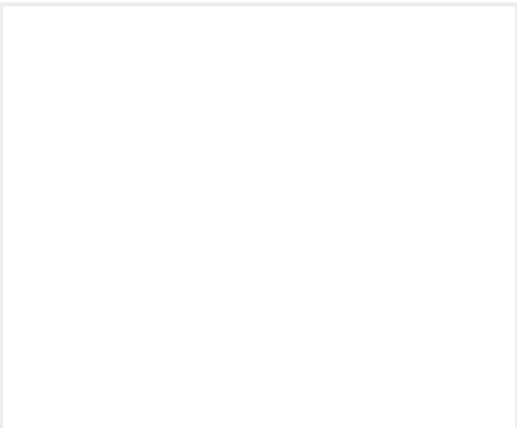
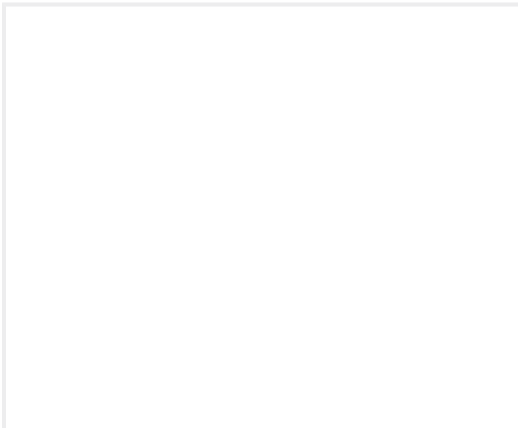
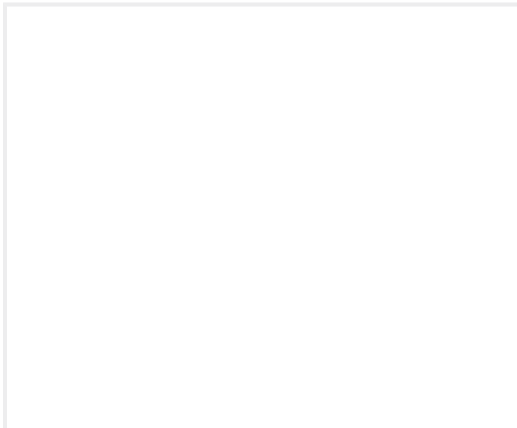
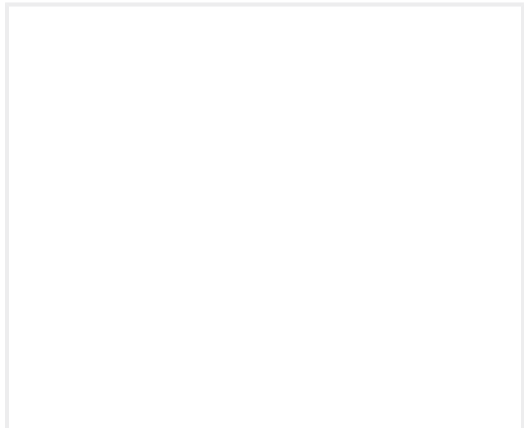


numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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>

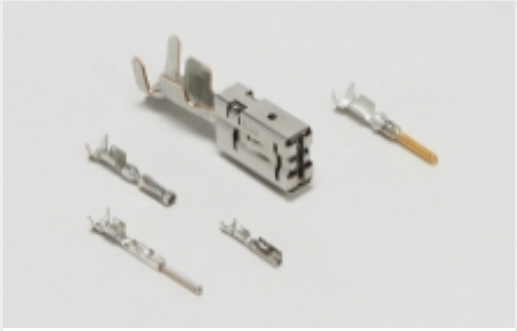
Compatible Parts

 TE Part # 5-2266118-2 OCEAN_2.0_APPLICATOR-S-069F080OA-RSA	 TE Part # DRC26-24SC PLG, 24P, BLK, N, C	 TE Part # DRC26-50S08-C027 PLG, 50P, BLK, N, SPECIAL GROMMET, 08	 TE Part # DRC26-40SB-P017 PLG, 40P, BLK, N, SS CLIP, B
 TE Part # DRC26-40SD-P017 PLG, 40P, BLK, N, SS CLIP, D	 TE Part # 5-2266117-1 OCEAN-2.0-APPLICATOR-S-069F090O-RSM	 TE Part # 7-2266117-7 OCEAN_2.0_SPARE_PART_KIT-069F090O	 TE Part # 7-2266116-8 OCEAN_2.0_CONVERSIONKIT_DEUTSCH-069F110O
 TE Part # 7-2266117-8 OCEAN_2.0_CONVERSIONKIT_DEUTSCH-069F090O	 TE Part # 2266117-1 OCEAN-2.0-APPLICATOR-S-069F090O-RSM	 TE Part # DTMH06-4SC PLG, 4P, BLK, N, HI TEMP, C	 TE Part # DTMH06-4SD PLG, 4P, BLK, N, HI TEMP, D
 TE Part # DTMH06-2SD PLG, 2P, BLK, N, HI TEMP, D	 TE Part # DTMH06-3SB PLG, 3P, BLK, N, HI TEMP, B	 TE Part # DTMH06-4SA PLG, 4P, BLK, N, HI TEMP, A	 TE Part # DRCP28-86SA PLG, 86P, BLK, 12/20, A



 TE Part # DRC26-24SD PLG, 24P, BLK, N, D	 TE Part # DRC26-60S03 PLG, 60P, BLK, N, 03	 TE Part # DRC26-60S08 PLG, 60P, BLK, N, 08	 TE Part # DRC26-50S02-C027 PLG, 50P, BLK, N, SPECIAL GROMMET, 02
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Also in the Series | **DEUTSCH Common Contact**

 Automotive Terminals(127)	 Insertion & Extraction Tools(8)
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Customers Also Bought

 TE Part #8-1625984-5 HSA50 8K2 5%	 TE Part #2176117-7 TLR 1206 1.0W R006 1% 50PPM 2K RL	 TE Part #CONREVSMA007-G RP-SMA Plug 50 Ohm Cable Crimp	 TE Part #292172-4 CT POST HDR ASSY 4P IN-TUBE BL
 TE Part #1443996-1 COVER, 60 POSITION	 TE Part #CAT-D485-CH8172 DEUTSCH DTM Housings	 TE Part #8-1676123-6 1/2W SM M/OX 5% 3K0	 TE Part #1060-20-0277 PIN, SF, SIZE 20, 16-22, SN/SN
 TE Part #8-2176070-4 3521 30K 1% 2W			



Documents

Product Drawings

SOC, SF, SIZE 20, 16-22, SLEVLESS, SN/SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1062-20-0377_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1062-20-0377_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1062-20-0377_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

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

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