



Connectors > Contacts > Connector Contacts > D-Sub Connector Contacts: Pin, Brass, Signal, Size 20



Contact Type: **Pin**
Contact Mating Area Plating Material: **Gold**
Contact Retention Type Within Housing: **Snap-In**
Contact Size: **Size 20**
Wire Size: **32 - 28 AWG**
[All D-Sub Connector Contacts: Pin, Brass, Signal, Size 20 \(50\)](#)

Features

Contact Features

Mating Pin Diameter	1 mm
Contact Mating Area Plating Material Thickness	.8 µm
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
Contact Type	Pin
Contact Mating Area Plating Material	Gold
Contact Size	Size 20
Contact Base Material	Brass
Contact Current Rating (Max)	1.2 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable



Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Snap-In

Dimensions

Compatible Insulation Diameter Range	.5 - 1.02 mm[.02 - .04 in]
Wire Size	.032 - .09 mm ²

Usage Conditions

Operating Temperature Range	-55 - 105 °C[-67 - 221 °F]
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Operation/Application

Circuit Application	Signal
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Identification Marking

Contact Color Code	Black
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Packaging Features

Packaging Quantity	12500
Packaging Method	Reel

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 applicable for solder process capability

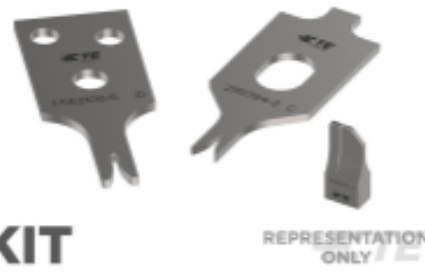
Product Compliance Disclaimer

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

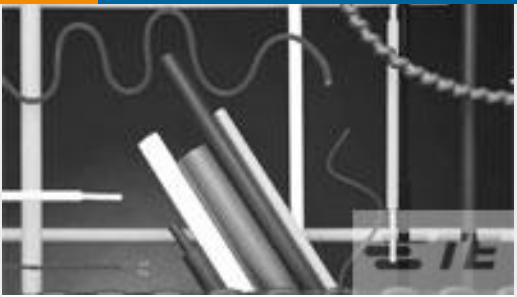
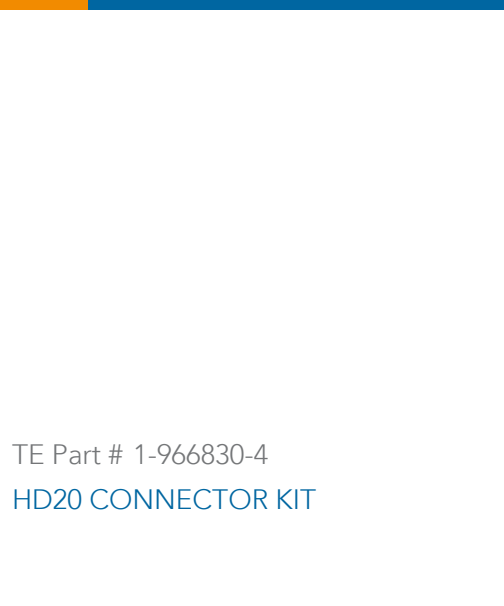
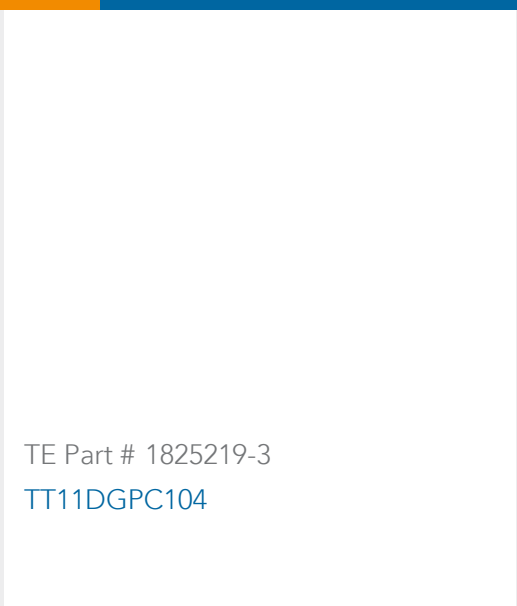
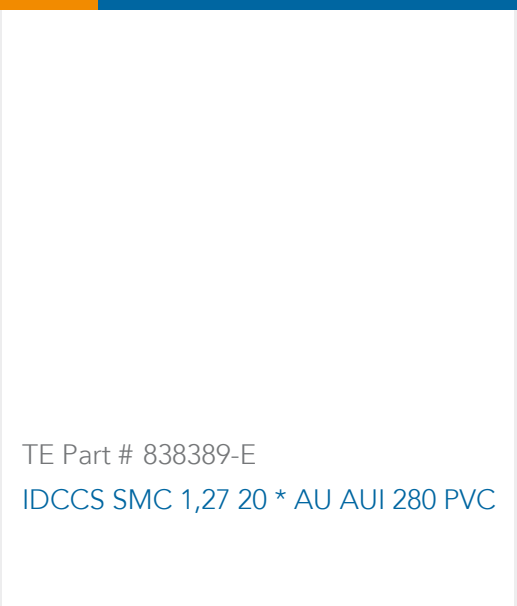


will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or 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 # 91285-1 INSERT/EXTRACT TOOL ASSEMBLY	 TE Part # 2837676-2 OCEAN-2.0-APPLICATOR-S-033F0500	 TE Part # 7-2837676-7 OCEAN_2.0_SPARE_PART_KIT-033F0500	 TE Part # 7-2837676-2 OCEAN-2.0-APPLICATOR-S-033F0500
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Customers Also Bought

 TE Part # 1658641-3 PLUG ASSY SIZE 5	 TE Part # 166052-1 TD 20 F CRIMP SOCKET WIRE SIZE	 TE Part # 7-2176088-0 RP 1J 0.166W 4K75 0.1% 25PPM 1K RL	 TE Part # 6016734001 CGPT-6/2-2-SP
 TE Part # 626035-2 RING TONGUE 4.0-6.0 MM2 0.81 X 16.25 BR	 TE Part # 1-966830-4 HD20 CONNECTOR KIT	 TE Part # 1825219-3 TT11DGPC104	 TE Part # 838389-E IDCCS SMC 1,27 20 * AU AUI 280 PVC
 TE Part # 873269-3 ANVIL			

Documents

Product Drawings



20DP CRIMP PIN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_166995-2_V.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_166995-2_V.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_166995-2_V.3d_stp.zip

English

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Product Specifications

Application Specification

English