

1658542-1 ✓ ACTIVE



AMPLIMITE

TE Internal #: 1658542-1

D-Sub Connector Contacts, Socket, Contact Size Size 20, Phosphor Bronze, Gold Flash, Crimp, 22 – 18 AWG Wire Size, .4 – .8 mm²

Wire Size, Wire & Cable

[View on TE.com >](#)

Connectors > D-Shaped Connectors > D-Sub Connector Contacts > D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20



Contact Type: **Socket**

Contact Size: **Size 20**

Contact Base Material: **Phosphor Bronze**

Contact Mating Area Plating Material: **Gold Flash**

Termination Method to Wire & Cable: **Crimp**

[All D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20 \(56\)](#)

Features

Product Type Features

Connector & Contact Terminates To	Wire & Cable
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Contact Features

Contact Color Bands	Green
Contact Mating Area Plating Material Thickness	.76 µm
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Size	Size 20
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold Flash
Contact Current Rating (Max)	3.1 A

Termination Features

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Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Contact Retention Type Within Housing	Snap-In
Wire Insulation Support	Without

Dimensions

Insulation Diameter (Max)	1.73 mm
Wire Size	.4 – .8 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	Green
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Packaging Features

Packaging Quantity	10000
Packaging Method	Reel

Other

Connector Contacts Comment	Wire insulation diameter is limited by the connector housing cavity and clearance for the insertion/extraction tool.
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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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # 2-2836119-1
OCEAN-2.0-APPLICATOR-S-062F



TE Part # 2-2836119-2
OCEAN-2.0-APPLICATOR-S-062FA



TE Part # 2836119-1
OCEAN-2.0-APPLICATOR-S-062F



TE Part # 2836119-2
OCEAN-2.0-APPLICATOR-S-062FA



TE Part # 7-2836119-1
OCEAN-2.0-APPLICATOR-S-062F



TE Part # 7-2836119-2
OCEAN-2.0-APPLICATOR-S-062FA



TE Part # 7-2836119-7
OCEAN_2.0_SPARE_PART_KIT-062F

Customers Also Bought



TE Part #1658654-1
D-Sub Crimp Recept Signal 9 Posn, Socket Size 20, Shell Size 1



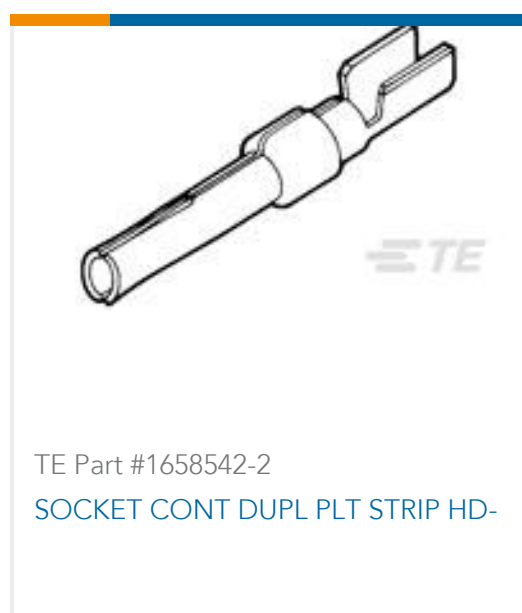
TE Part #DT04-12PA-LE14
DEUTSCH DT Receptacle Connectors



TE Part #2-967059-1
J-P-T GEH KOMPL 4P



TE Part #1658541-1
PIN CONT DUPL PLT STRIP HD-20



Documents

Product Drawings

SOCKET CONT DUPL PLT STRIP HD-

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1658542-1_C.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1658542-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1658542-1_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

AMPLIMITE Subminiature D Connectors - Cable Connectors

English

AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG

English

Product Specifications

Application Specification

English

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English