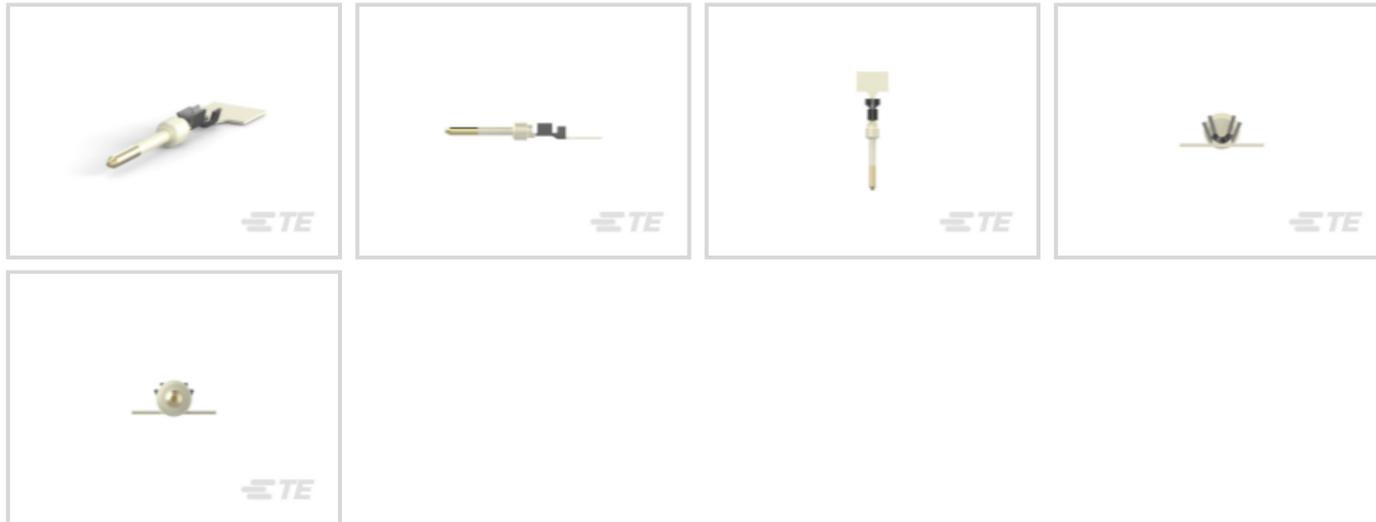# 1658544-2 ✔ ACTIVE

AMPLIMITE

TE Internal #: 1658544-2

D-Sub Connector Contacts, Pin, Size 20, Brass, Gold, Crimp, 26 – 22 AWG Wire Size, .15 – .4 mm² Wire Size, Cable-to-Cable, Wire & Cable, 2 A, Signal

View on TE.com >

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

Contact Type: **Pin**

D-Sub Contact Size: **20**

Contact Base Material: **Brass**

Contact Mating Area Plating Material: **Gold**

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

All D-Sub Connector Contacts: Pin, Brass, Signal, Size 20 (55)

Features

Product Type Features

Product Type	Contact
Grade	Standard
Connector System	Cable-to-Cable
Connector & Contact Terminates To	Wire & Cable

Body Features

Color Code	Yellow

Contact Features

	30 µin
Pin Diameter	1.02 mm[.04 in]
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin

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D-Sub Connector Contacts, Pin, Size 20, Brass, Gold, Crimp, 26 – 22 AWG Wire Size, .
15 – .4 mm² Wire Size, Cable-to-Cable, Wire & Cable, 2 A, Signal

D-Sub Contact Size	20
Contact Base Material	Brass
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

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

Dimensions

	.05 in
Accepts Wire Insulation Diameter Range	1.01 – 1.27 mm[.04 – .05 in]
Wire Size	.15 – .4 mm²

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

For Use With	AMPLIMITE HDP-20, CPC Connectors
Circuit Application	Signal

Packaging Features

Packaging Quantity	10000
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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC

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	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 # CAT-AM71-C83998M
CPC Connectors, Series 2

TE Part # CAT-AM71-C83998BB
CPC SERIES 3

TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

TE Part # 2-2151026-1
OCEAN-2.0-APPLICATOR-S-042F062O

TE Part # 2-2151026-2
OCEAN-2.0-APPLICATOR-S-042F062O

TE Part # 2151026-1
OCEAN-2.0-APPLICATOR-S-042F062O

TE Part # 2151026-2
OCEAN-2.0-APPLICATOR-S-042F062O

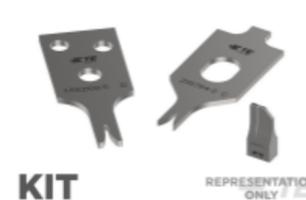TE Part # 5-2151026-1
OCEAN-2.0-APPLICATOR-S-042F062O

TE Part # 5-2151026-2
OCEAN-2.0-APPLICATOR-S-042F062OA

TE Part # 7-2151026-1
OCEAN-2.0-APPLICATOR-S-042F062O

TE Part # 7-2151026-2
OCEAN-2.0-APPLICATOR-S-042F062O

TE Part # 7-2151026-7
OCEAN_2.0_SPARE_PART_KIT-042F062O

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D-Sub Connector Contacts, Pin, Size 20, Brass, Gold, Crimp, 26 – 22 AWG Wire Size, .
15 – .4 mm² Wire Size, Cable-to-Cable, Wire & Cable, 2 A, Signal

KIT

REPRESENTATION ONLY

TE Part # 7-2836435-7

OC-042F062O-752-CRIMPTOOLINGKIT

Documents

Product Drawings

PIN CONT DUPL PLT STRIP HD-20

English

CAD Files

Customer View Model

ENG_CVM_CVM_1658544-2_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1658544-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1658544-2_E.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Signal Contacts

English

AMPLIMITE Subminiature D Connectors - Cable Connectors

English

AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG

English

Product Specifications

Application Specification

English

Application Specification

English

Product Environmental Compliance

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D-Sub Connector Contacts, Pin, Size 20, Brass, Gold, Crimp, 26 – 22 AWG Wire Size, .
15 – .4 mm² Wire Size, Cable-to-Cable, Wire & Cable, 2 A, Signal

MD_1658544-2_040320182321_dmtec

English

MD_1658544-2_040320182321_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English