

1658540-4 ✓ ACTIVE



AMPLIMITE

TE Internal #: 1658540-4

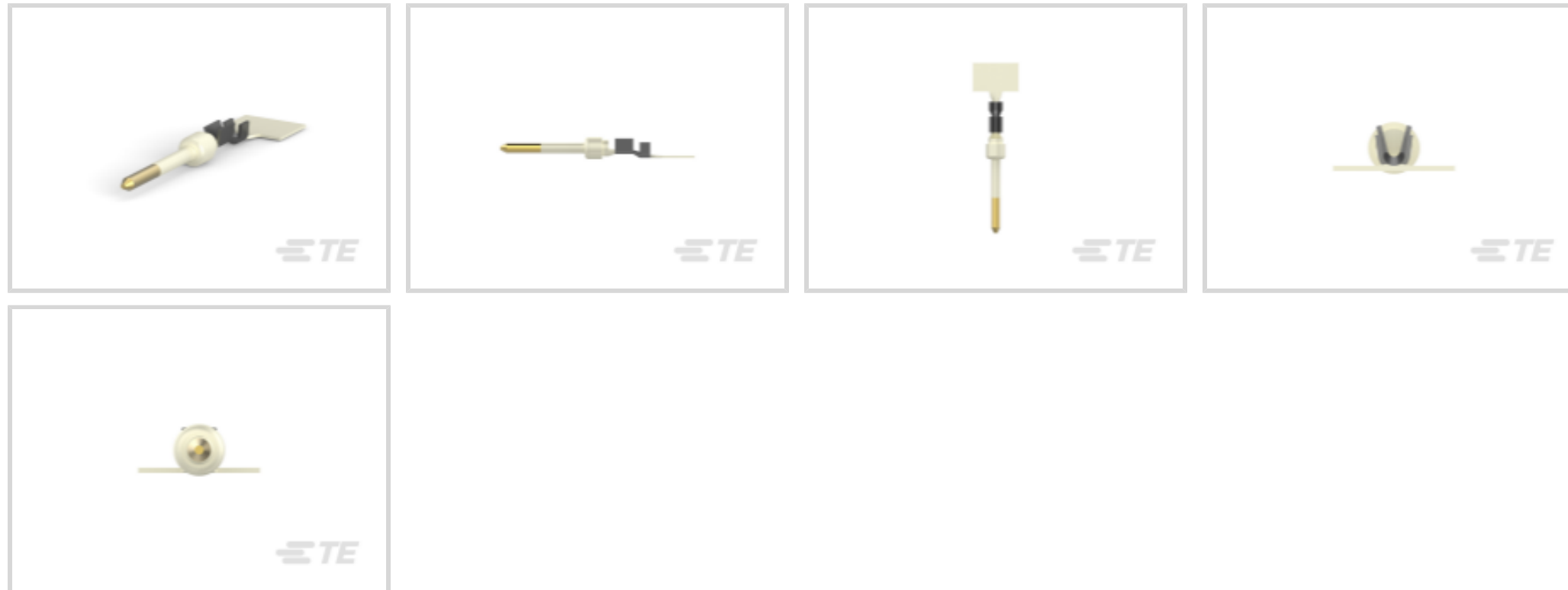
D-Sub Connector Contacts, Pin, Size 20, Brass, Gold, Crimp, 28 – 24

AWG Wire Size, .08 – .2 mm² Wire Size, Cable-to-Cable, Wire &

Cable, 1.2 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	Yes
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Contact Features

Contact Mating Area Plating Thickness	.76 µm
Pin Diameter	1.02 mm[.04 in]
Contact Color Bands	Blue
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin



Contact Type	Pin
D-Sub Contact Size	20
Contact Base Material	Brass
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	1.2 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Dimensions

	.04 in
Accepts Wire Insulation Diameter Range	.76 – 1.02 mm [.03 – .04 in]
Wire Size	.08 – .2 mm ²

Usage Conditions

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

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

Packaging Features

Packaging Quantity	10000
Packaging Method	Strip

Other

Comment	For Part Numbers of Special Applicators and Applicators for other model machines, contact the AMP Tooling Center.
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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 2022
 (224)
 Candidate List Declared Against: JAN 2022
 (223)
 SVHC > Threshold:
 Not Yet Reviewed

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 # CAT-AM71-C83998M
 CPC SERIES 2

TE Part # CAT-AM71-C83998BB
 CPC SERIES 3

TE Part # 58448-3
 PRO-CRIMPER DIE

TE Part # 91503-1
 CCII AMPLIMITE 20 DF PIN SKT 28-20 ASSY

TE Part # 1579007-9
 EXTRACTION TOOL

TE Part # 58448-2
 PRO CR. ASSY AMPLIMITE IS 9357

TE Part # 2305570-1
 TERMINAL CUTTER, SIDE FEED

TE Part # 91285-1
 INSERT/EXTRACT TOOL ASSEMBLY




TE Part # 2-2151428-1
OCEAN-2.0-APPLICATOR-S-042F055O



TE Part # 2-2151428-2
OCEAN-2.0-APPLICATOR-S-042F055OA



TE Part # 2151428-1
OCEAN-2.0-APPLICATOR-S-042F055O



TE Part # 2151428-2
OCEAN-2.0-APPLICATOR-S-042F055OA



TE Part # 5-2151428-1
OCEAN-2.0-APPLICATOR-S-042F055O



TE Part # 5-2151428-2
OCEAN-2.0-APPLICATOR-S-042F055OA



TE Part # 7-2151428-1
OCEAN-2.0-APPLICATOR-S-042F055O



TE Part # 7-2151428-2
OCEAN-2.0-APPLICATOR-S-042F055OA



KIT
REPRESENTATION ONLY

TE Part # 7-2151428-7
OCEAN_2.0_SPARE_PART_KIT-042F055O



TE Part # BGA442N0000100B000
912 RECEPTACLE, ANGLED, ROTABLE



TE Part # BGA442N0000101B000
912 receptacle angled, rotatable



TE Part # BKA441N0008100B000
912 extension

Customers Also Bought



TE Part #748364-1
15 HD22 CRIMP SNAP PLUG



TE Part #322994
TERMINAL,PG SPD 16-14 6



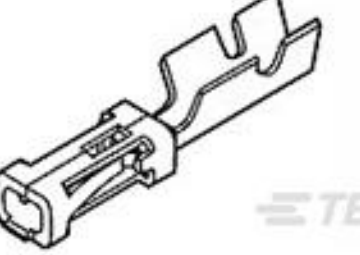
TE Part #794617-6
6POS,MICRO MNL,RCPT HSG



TE Part #172171-1
15 CIR UNIV M-N-L PLUG



TE Part #172163-1
15 CIR UNIV M-N-L CAP



TE Part #87666-2
MOD IV RECP PLTD 30 SEL



TE Part #1623927-8
CFR16 5% 120R



TE Part #1-175218-5
DYNAMIC D-3 REC CONT. L PRE-TIN L/P



Documents

Product Drawings

[CONT,PIN,PLATED,20DF,STRIP,#24](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1658540-4_D.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1658540-4_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1658540-4_D.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

[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

[MD_1658540-4_040320182320_dmtec](#)

English

[MD_1658540-4_040320182320_dmtec](#)



English

[Instruction Sheets](#)

[Instruction Sheet \(U.S.\)](#)

English