1658539-5 ✔ ACTIVE

AMPLIMITE

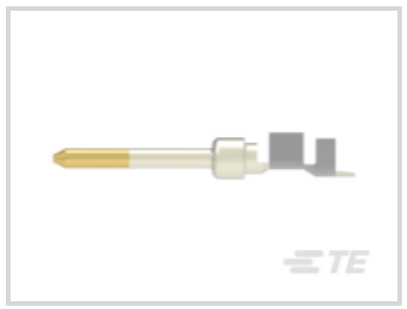
TE Internal #: 1658539-5

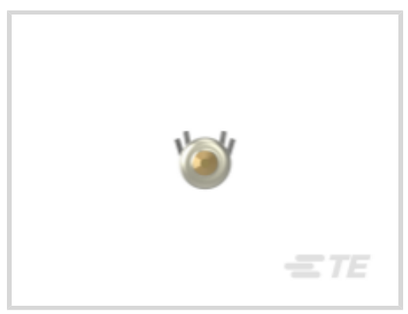
Pin Contact, Gold Flash, Snap-In Contact Retention, Size 20

Contact Size, 24 – 20 AWG, .2 – .6 mm² Wire, Crimp, Brass, Signal

View on TE.com >

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





Contact Type: **Pin**

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

Contact Retention Type Within Housing: **Snap-In**

Contact Size: **Size 20**

Wire Size: **24 – 20 AWG**

All D-Sub Connector Contacts: Pin, Brass, Signal, Size 20 (45)

Features

Contact Features

Contact Underplating Material	Nickel
Contact Color Bands	Red
Mating Pin Diameter	1.02 mm[.04 in]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm
Contact Type	Pin
Contact Mating Area Plating Material	Gold Flash
Contact Size	Size 20
Contact Base Material	Brass
Contact Current Rating (Max)	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	1.27 – 1.52 mm[.05 – .06 in]
Wire Size	.2 – .6 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Identification Marking

Contact Color Code	None

Packaging Features

Packaging Method	Strip
Packaging Quantity	10000

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 applicable for solder process capability

Product Compliance Disclaimer

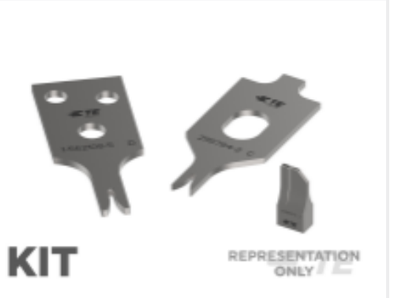
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 91503-1
CCII AMPLIMITE 20 DF PIN SKT 28-20 ASSY

TE Part # 1579007-9
EXTRACTION TOOL



TE Part # 7-2151496-7
OCEAN_2.0_SPARE_PART_KIT-055F062O

TE Part # 5-2151496-1
OCEAN_2.0_APPLICATOR-S-055F062O-RSM

TE Part # 2151496-1
OCEAN_2.0_APPLICATOR-S-055F062O-RSM

TE Part # 2151496-2
OCEAN_2.0_APPLICATOR-S-055F062OA-RSA

TE Part # 5-2151496-2
OCEAN_2.0_APPLICATOR-S-055F062O-RSA

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

TE Part # 91285-1
INSERT/EXTRACT TOOL ASSEMBLY

Customers Also Bought

TE Part #1634202-1
PRGSA1-16F-BB000

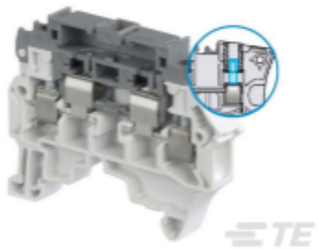
TE Part #2029185-1
CMNL SKT W/INDENTED SIDES

TE Part #1SNA115406R1300
MB4/6.L2

TE Part #2292906-2
2POS,MCON 1.2,REC HSG ASSY,SLD, COD B

TE Part #D369-P33-NP1
369 3 WAY PLUG, CRIMP, PIN

TE Part #321600
TERMINAL,SOLIS R 2 3/8



TE Part #1SNK508411R0000
ZS4-SF1-T2

TE Part #1SNA115407R1400
MB4/6.L3

TE Part #1-2176347-4
CRGCQ 2010 120R 1%

TE Part #NB14374001
VERSAFIT-3/4-0-SP

Documents

Product Drawings

PIN CONT DUPL PLT STRIP HD-20

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1658539-5_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1658539-5_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1658539-5_C.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English