5-166052-1 ✔ ACTIVE

AMPLIMITE

TE Internal #: 5-166052-1

D-Sub Connector Contacts, Socket, 20 D-Sub Contact Size, Phosphor Bronze, Gold, Crimp, 28 – 24AWG Wire Size, .08 – .22mm² Wire Size, Cable-to-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**

D-Sub Contact Size: **20**

Contact Base Material: **Phosphor Bronze**

Contact Mating Area Plating Material: **Gold**

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

All D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20 (58)

Features

Product Type Features

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

Contact Features

Pin Diameter	1 mm
Contact Mating Area Plating Thickness	.76 µm
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
D-Sub Contact Size	20
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold

Contact Current Rating (Max)	1.2 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

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

Dimensions

Insulation Diameter (Max)	1.02 mm
Accepts Wire Insulation Diameter Range	.76 – 1.02 mm[.03 – .04 in]
Wire Size	.08 – .22 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Quantity	500
Packaging Method	Small Reel

Product Compliance

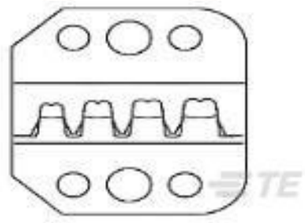
For compliance documentation, visit the product page on TE.com>

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 58448-3
PRO-CRIMPER DIE



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



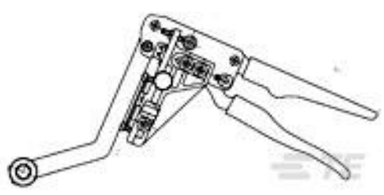
TE Part # 91285-1
INSERT/EXTRACT TOOL ASSEMBLY



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



TE Part # 1579007-9
EXTRACTION TOOL



TE Part # 169424-1
HD20 R.F.HANDTOOL

Customers Also Bought



TE Part #164533-4
D-Sub Crimp Recpt Signal 25 Posn, Socket Size 20, Shell Size 3



TE Part #160298
PIDG RING TONGUE TERMINALS



TE Part #1-967584-3
MQS, CONNECTOR HOUSING



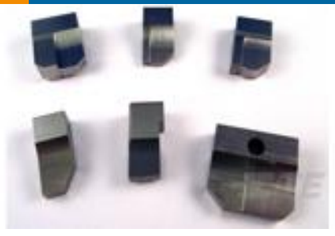
TE Part #1-929504-4
TIMER, CONNECTOR HOUSING



TE Part #1-2286946-4
2POS,HVP800,90 DEG,35 SQMM,CODA



TE Part #1-2286946-5
2POS,HVP800,90 DEG,35 SQMM,CODA



TE Part #1333204-9
ANVIL, COMBINATION .080



TE Part #PKA002N00420001000
923 SINGLETEC EXTENSION

Documents

Product Drawings

HDF20 SOCKET F CRIMP SIZE28-24

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-166052-1_AF.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-166052-1_AF.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-166052-1_AF.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 - Subminiature D Connectors for Cable Mounting

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English