



Connectors > Contacts > Connector Contacts > D-Sub Conn Contacts: Socket, Copper Alloy, Signal, Size 20



Contact Type: **Socket**
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 Conn Contacts: Socket, Copper Alloy, Signal, Size 20 \(5\)](#)

Features

Contact Features

Contact Underplating Material	Nickel
	.04 in
PCB Contact Termination Area Plating Material	Gold Flash
Contact Type	Socket
Contact Mating Area Plating Material	Gold Flash
Contact Size	Size 20
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

--	--



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

Dimensions

Compatible Insulation Diameter Range	1.73 mm[.068 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	Red
--------------------	-----

Packaging Features

Packaging Method	Reel
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 # 91548-1
CCII HD-20 PIN SKT 28-20 ASSY

TE Part # 2836118-1
OCEAN-2.0-APPLICATOR-S-055F-RSM

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

TE Part # 91285-1
INSERT/EXTRACT TOOL ASSEMBLY

TE Part # 7-2836118-7
OCEAN_2.0_SPARE_PART_KIT-055F

TE Part # 1579007-9
EXTRACTION TOOL

Customers Also Bought

TE Part #486501-000
B-106-2401

TE Part #4-794620-6
16P MICRO MNL ASSY,R/A,HDR,LF

TE Part #7-5174385-5
040 C.L.C.CAP ASSY 76P BLUE

TE Part #1662-213-1631
CONT SOC ASSY

TE Part #CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS

TE Part #5-103361-5
07 MODII HDR SRRA SHRD LF

TE Part #1658686-3
SOCKET CONTACT,22 DF,STRIP,22-

TE Part #5-103361-2
04 MODII HDR SRRA SHRD LF



TE Part #66505-8
SOCKET CONTACT, 20 DF

Documents

Product Drawings

HD 20 DF SOCKET PLTD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_205201-6_CG.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_205201-6_CG.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_205201-6_CG.3d_stp.zip

English

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

Datasheets & Catalog Pages

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

Instruction Sheets

Instruction Sheet (U.S.)

English

205201-6

Socket Contact, Gold Flash, Snap-In Contact Retention, Size 20 Contact Size, 24 – 20
AWG, .2 – .6 mm² Wire, Crimp, Copper Alloy, Signal

