



Connectors > Contacts > Connector Contacts > D-Sub Conn Contacts: Socket, Phosphor Bronze, 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, Phosphor Bronze, Signal, Size 20 \(56\)](#)

Features

Contact Features

	100 µin
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Mating Area Plating Material	Gold Flash
Contact Size	Size 20
Contact Base Material	Phosphor Bronze
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 mm ²

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 Quantity	1000
Packaging Method	Loose Piece

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # CAT-AM71-C83998M
CPC Connectors, Series 2



TE Part # CAT-AM71-C83998BB
CPC SERIES 3



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



TE Part # 1579007-9
EXTRACTION TOOL



TE Part # 91285-1
INSERT/EXTRACT TOOL ASSEMBLY

Customers Also Bought



TE Part #1-5380758-0
RCR SN-SPR SN-CUP 036-051



TE Part #208493-1
CMC RECEPTACLE ASSY,SIZE 22



TE Part #1658539-4
PIN CONT DUPL PLT LP HD-20 AMP



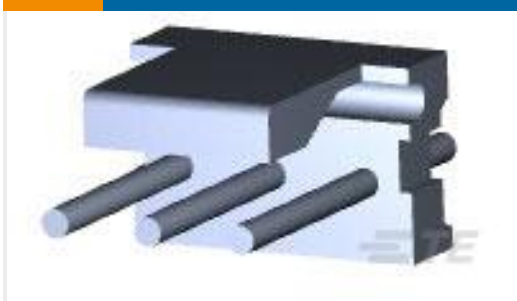
TE Part #5745652-2
DIECAST STRAIN RELIEF KIT,SZ 2



TE Part #1-1825910-8
FSM10JH=6MM TACT SWITCH, HIGH
TEMP



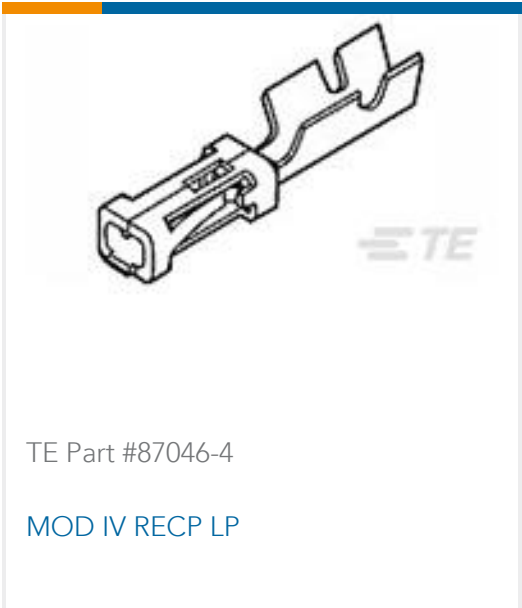
TE Part #640388-6
06P MTA156 HDR ASSY RN STR F/L



TE Part #640388-3
03P MTA156 HDR ASSY RN STR F/L



TE Part #350570-7
UMNL SOK 24-18 AUBR



Documents

Product Drawings

SOCKET CONT DUPL PLT LP HD-20

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1658537-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1658537-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1658537-2_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

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