



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 \(51\)](#)

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
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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	Red
Packaging Features	
Packaging Method	Loose Piece
Packaging Quantity	1000

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 # 205838-1 CPC PLUG ASSEMBLY SIZE 11-8	 TE Part # 91503-1 CCII AMPLIMITE 20 DF PIN SKT 28-20 ASSY	 TE Part # 1579007-9 EXTRACTION TOOL	 TE Part # 206426-1 CPC PLUG ASSEMBLY SIZE 17-3
 TE Part # 206437-1 CPC PLUG ASSEMBLY SIZE 23-57	 TE Part # 206485-1 CPC PLUG ASSEMBLY SIZE 11-9	 TE Part # 206039-1 CPC PLUG ASSEMBLY SIZE 17-28	 TE Part # 206434-1 CPC PLUG ASSEMBLY SIZE 11-8
 TE Part # 206226-1 CPC PLUG ASSEMBLY SIZE 23-7	 TE Part # 206136-1 CPC PLUG ASSEMBLY SIZE 23-7	 TE Part # 206126-1 CPC PLUG ASSEMBLY SIZE 17-28	 TE Part # 91285-1 INSERT/EXTRACT TOOL ASSEMBLY

Also in the Series | Circular Plastic Connectors Series 2

 Circular Power Connectors(36)	 Connector Contacts(52)
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Customers Also Bought





TE Part #CAT-035-DCCPB20
D-Sub Connector Contacts: Pin, Brass, Signal, Size 20



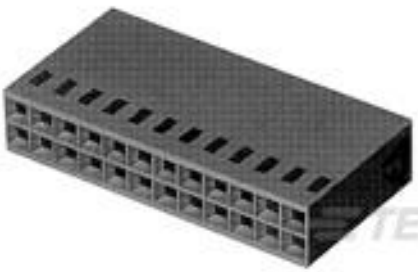
TE Part #696020-1
TERM PIDG R 12-10 6 90DEG



TE Part #66101-1
III+ SKT,18-16,30AU>10,LP



TE Part #6609044-3
10VW1=F7256 S0



TE Part #1-87456-0
14 MODIV HSG DR MRKD .100CL



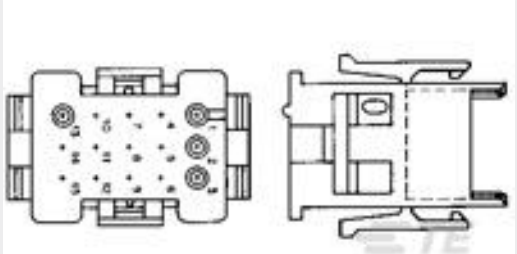
TE Part #208493-1
CMC RECEPTACLE ASSY,SIZE 22



TE Part #ANT-916-CW-HD
Antenna 1/4 Wave HD Whip 916MHz RPS



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



TE Part #1-640513-0
15P MR II CAP HSG V0

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