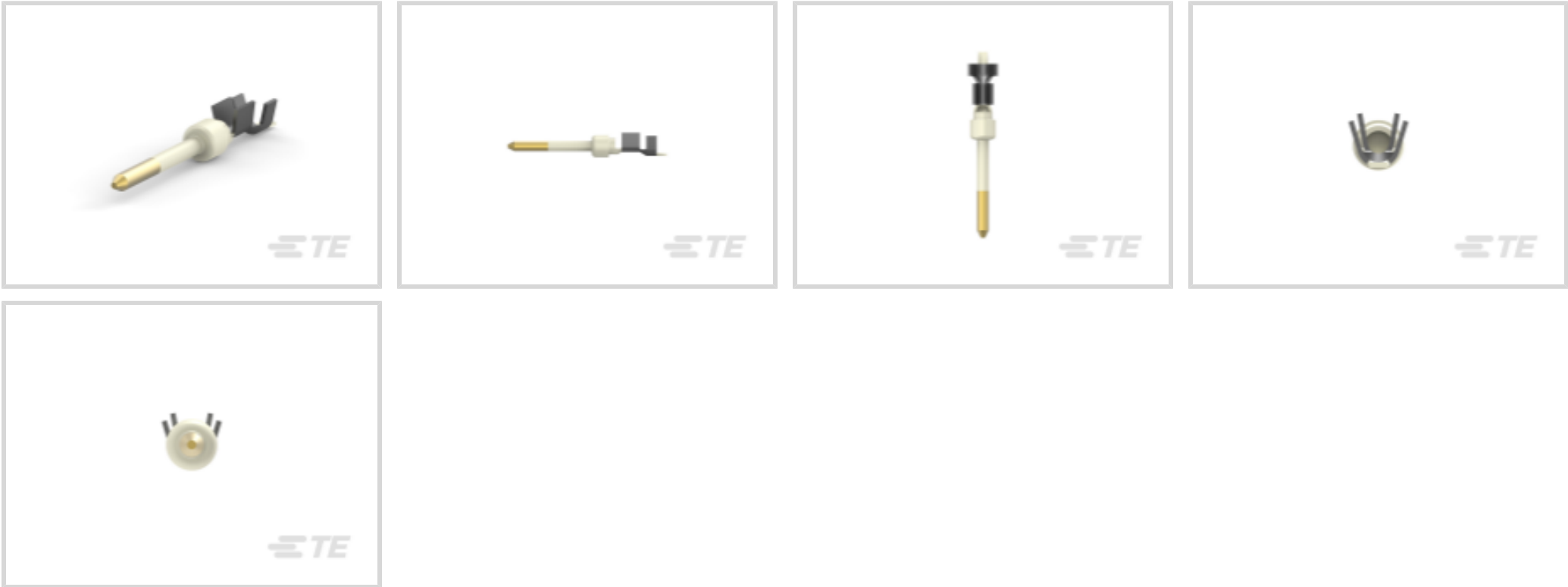




Connectors > Contacts > Connector Contacts > D-Sub Connector Contacts: Pin, Brass, Signal, Size 20



Contact Type: **Pin**
Contact Mating Area Plating Material: **Gold (Au)**
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 (Au)
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]
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Operation/Application

Circuit Application	Signal
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Identification Marking

Contact Color Code	Red
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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 # BGC442N0000101B000 912 receptalce, rotatable, speedtec	 TE Part # 2151496-2 OCEAN_2.0_APPLICATOR-S-055F062OA-RSA	 TE Part # 206039-1 CPC PLUG ASSEMBLY SIZE 17-28	 TE Part # 206434-1 CPC PLUG ASSEMBLY SIZE 11-8
 TE Part # BGA442N0000101B000 912 receptacle angled, rotatable	 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 # 205838-1 CPC PLUG ASSEMBLY SIZE 11-8
 TE Part # BKA441N0008100B000 912 extension	 TE Part # BGC442N0000100B000 912 receptalce, rotatable, speedtec	 TE Part # 5-2151496-2 OCEAN_2.0_APPLICATOR-S-055F062O-RSA	 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 # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 91285-1 INSERT/EXTRACT TOOL ASSEMBLY





TE Part # BGA442N0000100B000
912 RECEPTACLE, ANGLED, ROTATABLE



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



TE Part # 206485-1
CPC PLUG ASSEMBLY SIZE 11-9



TE Part # 1579007-9
EXTRACTION TOOL

Also in the Series

Circular Plastic Connectors Series 2



Circular Power Connectors(36)



Connector Contacts(52)

Customers Also Bought



TE Part #AS220-35PN
RECEPT.BOX MNTG.TYPE 2



TE Part #203324-E
MJIM IMV 1X1 S 88 * X R THRU * L2 M3D01



TE Part #1658537-3
SOCKET CONT DUPL PLT STRIP HD-M3D01



TE Part #87988-4
04 MODI BDMNT RCPT SR .156CL



TE Part #5745783-5
25 MSFL RCPT RA 318 (SL,FM)



TE Part #3-208403-2
PIN HDR ASSY,10P,MMATE LF



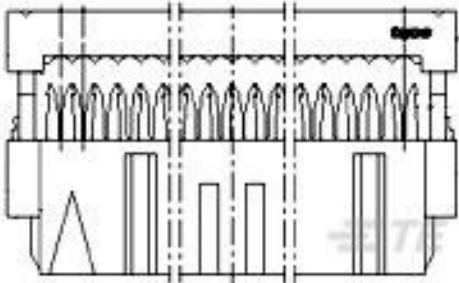
TE Part #1-487769-2
014 HOUSING FFC RCPT 100CL SR



TE Part #2118060-1
WLAN DUAL BAND Antenna Assembl



TE Part #3-644460-8
08P MTA156 CONN ASSY 18AWG ORA



TE Part #6-215882-4
64 WAY GREY MK II RECP



Documents

Product Drawings

PIN CONT DUPL PLT STRIP HD-20

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1658539-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1658539-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1658539-1_C.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