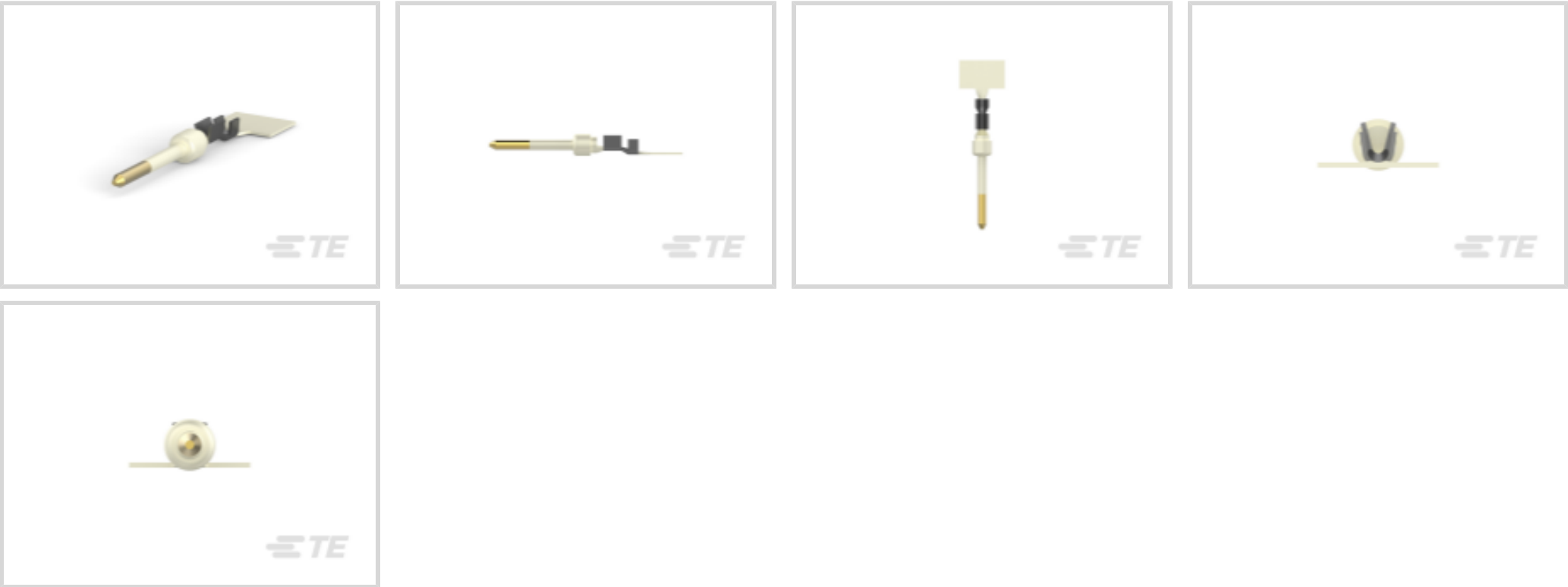




Connectors > Contacts > Connector Contacts > D-Sub Connector Contacts: Pin, Brass, Signal, Size 20



Contact Type: **Pin**
Contact Mating Area Plating Material: **Gold (Au)**
Contact Retention Type Within Housing: **Snap-In**
Contact Size: **Size 20**
Wire Size: **28 – 24 AWG**

[All D-Sub Connector Contacts: Pin, Brass, Signal, Size 20 \(45\)](#)

Features

Contact Features

Contact Underplating Material	Nickel
Contact Color Bands	Blue
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)	1.2 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	.76 – 1.02 mm[.03 – .04 in]
Wire Size	.08 – .2 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	Blue
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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: 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

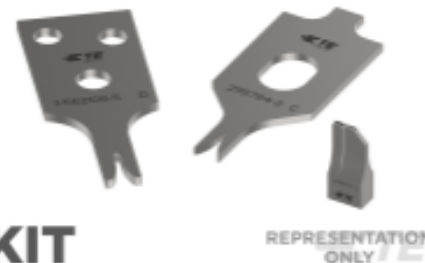
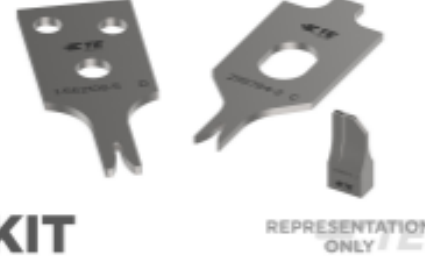
Product Compliance Disclaimer

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 # BGA442N0000101B000 912 receptacle angled, rotatable	 TE Part # 5-2151428-1 OCEAN-2.0-APPLICATOR-S-042F055O-RSM	 TE Part # 205838-1 CPC PLUG ASSEMBLY SIZE 11-8	 KIT REPRESENTATION ONLY TE Part # 7-2151428-7 OCEAN_2.0_SPARE_PART_KIT-042F055O
 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
 TE Part # 206437-1 CPC PLUG ASSEMBLY SIZE 23-57	 TE Part # 206426-1 CPC PLUG ASSEMBLY SIZE 17-3	 TE Part # BGC442N0000101B000 912 receptacle, rotatable, speedtec	 KIT REPRESENTATION ONLY TE Part # 7-2266598-7 OC-042F055O-752-CRIMPTOOLINGKIT
 TE Part # 2151428-1 OCEAN-2.0-APPLICATOR-S-042F055O-RSM	 TE Part # 206039-1 CPC PLUG ASSEMBLY SIZE 17-28	 TE Part # 206434-1 CPC PLUG ASSEMBLY SIZE 11-8	 TE Part # 5-2151428-2 OCEAN-2.0-APPLICATOR-S-042F055O-RSA



TE Part # BKA441N0008100B000
912 extension



TE Part # BGC442N0000100B000
912 receptacle, rotatable, speedtec



TE Part # 206226-1
CPC PLUG ASSEMBLY SIZE 23-7



TE Part # 206136-1
CPC PLUG ASSEMBLY SIZE 23-7

Also in the Series | Circular Plastic Connectors Series 2



Circular Power Connectors(36)



Connector Contacts(52)

Customers Also Bought



TE Part #3-640622-2
02CIR MTA100 FD THR ASSY BLUE



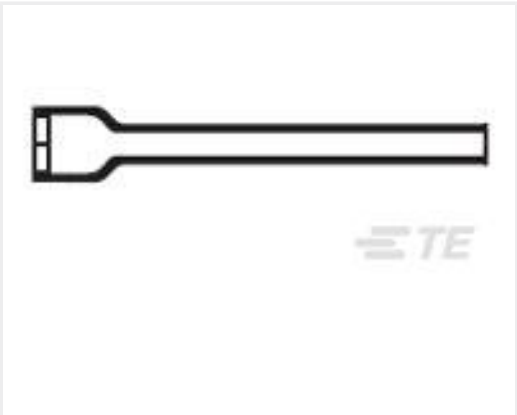
TE Part #4-745130-5
SHILDING FERRULE,PLTD,BULK PKG



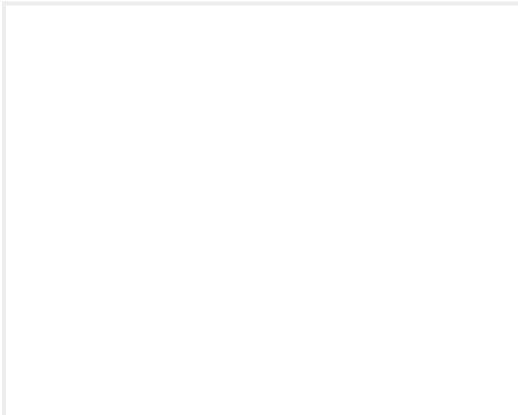
TE Part #5745652-2
DIECAST STRAIN RELIEF KIT,SZ 2



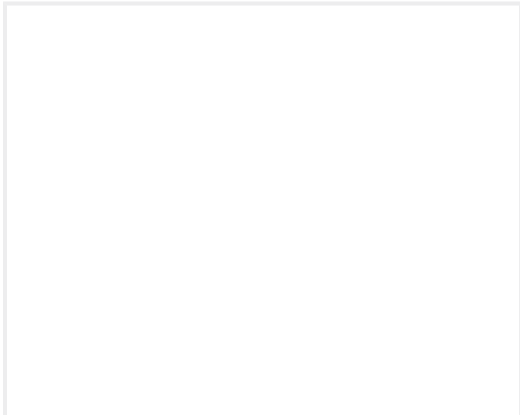
TE Part #202479-2
POWER CONN,29 POS,PLUG BLOCK



TE Part #806852-000
202F221-71-0



TE Part #40-B162-000-P00
406B insulation insert, 4-pin



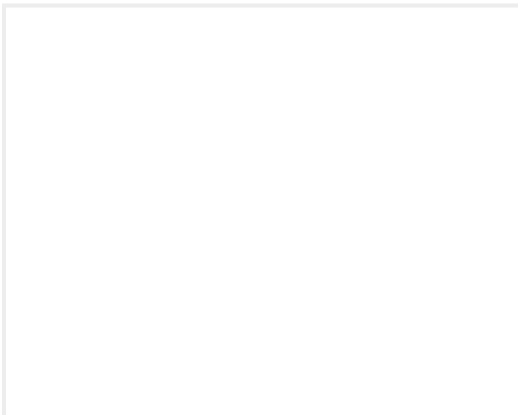
TE Part #40-A793-000-P00
617 INSULATION INSERT, 2+4X2-PIN



TE Part #CF3601-000
206M020-19C10



TE Part #61-0195-011-P00
CONTACT PIN 3.6 MM



TE Part #K1133264
Micro Switch MZX1 042 302 999



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_1658540-4_D.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1658540-4_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1658540-4_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

[AMPLIMITE Subminiature D Connectors - Cable Connectors](#)

English

[AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG](#)

English

Product Specifications

[Application Specification](#)

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[Application Specification](#)

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Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English