

166294-1 x OBSOLETE

AMPLIMITE

TE Internal #: 166294-1

TE Internal Description: 20DF CRIMP PIN

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

[View on TE.com >](#)



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



Contact Type: **Pin**

Contact Size: **Size 20**

Contact Base Material: **Brass**

Contact Mating Area Plating Material: **Gold**

Termination Method to Wire & Cable: **Crimp**

[All D-Sub Connector Contacts: Pin, Brass, Signal, Size 20 \(50\)](#)

Features

Product Type Features

Connector & Contact Terminates To	Wire & Cable
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Contact Features

Mating Pin Diameter	1 mm
Contact Mating Area Plating Material Thickness	.76 μ m
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin
Contact Size	Size 20
Contact Base Material	Brass
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	1.2 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Contact Retention Type Within Housing	Snap-In
Wire Insulation Support	With

Dimensions

Insulation Diameter (Max)	1.02 mm
Compatible Insulation Diameter Range	.76 – 1.02 mm [.03 – .04 in]
Wire Size	.08 – .22 mm ²

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 Quantity	500
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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

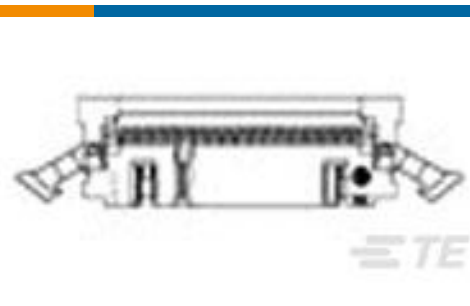
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

Customers Also Bought



TE Part #281839-4
HOUSING HE13 HE14 COSI 2X4 P



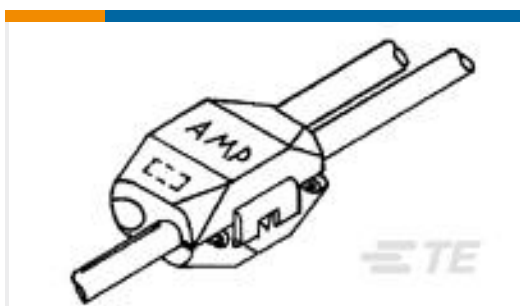
TE Part #1-111506-8
016 UNIV I/O 30DP SLOT LTCH



TE Part #3-1416100-2
ST3P3LC4



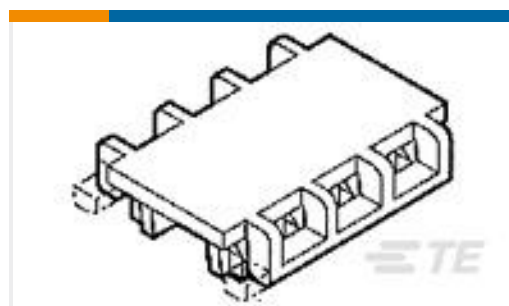
TE Part #3-747579-2
SHLDNG FERRULE, PLTD, BULK PKG



TE Part #735398
ELECTRO-TAP ASSY



TE Part #1-480699-2
02P UMNL CAP HSG RED



TE Part #643071-4
04P MTA156 FD-THRU COVER



TE Part #1-480699-1
02P UMNL CAP HSG BRN



TE Part #9-1437719-6
T01-0580-S03-FEMALE REC PANEL
MNT SOLDER



TE Part #2345552-1
10096647

Documents

Product Drawings

20DF CRIMP PIN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_166294-1_AB.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_166294-1_AB.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_166294-1_AB.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

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

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English