

AMPLIMITE

TE Internal #: 5745883-2

Crimp D-Sub Connectors, Plug, Cable-to-Cable, 50 Position, 20 D-Sub Contact Size, 5 D-Sub Shell Size, Mating Retention, Clinch Nut, 4-40 UNC, Shielded

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Connectors > D-Shaped Connectors > D-Sub Connectors > Crimp D-Sub Connectors > D-Sub Crimp: Plug, Signal, 50 Posn, Pin Size 20, Shell Size 5

Connector & Housing Type: **Plug**Connector System: **Cable-to-Cable**Number of Positions: **50**D-Sub Contact Size: **20**D-Sub Shell Size: **5**
[All D-Sub Crimp: Plug, Signal, 50 Posn, Pin Size 20, Shell Size 5 \(7\)](#)

Features

Product Type Features

Grade	Standard
Grounding Indents	With
Product Type	Connector
Shell Type	Full Metal Shell
Connector & Housing Type	Plug
Connector System	Cable-to-Cable
D-Sub Shell Size	5
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	50
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Body Features

Shell Material	Steel
Shell Plating Material	Tin
Insert Material	Nylon

Contact Features

D-Sub Contact Size	20
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Mechanical Attachment

Mating Retention	With
Mating Retention Type	Clinch Nut, 4-40 UNC

Housing Features

Centerline (Pitch)	2.74 mm, 2.76 mm, 2.79 mm [.108 in][.109 in] [.11 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application

Shielded	Yes
Circuit Application	Signal

Industry Standards

Insert Flammability Rating	UL 94V-0
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Package
Packaging Quantity	225

Other

Comment	Plugs accept size 20 DF pin contacts.
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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 with Exemptions
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 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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-035-DCRSS205
D-Sub Crimp Recept Signal 50 Posn,
Socket Size 20, Shell Size 5



TE Part # CAT-035-DCPPS205
D-Sub Crimp: Plug, Signal, 50 Posn,
Pin Size 20, Shell Size 5

Customers Also Bought



TE Part #323135
SOLIS TAB 22-16



TE Part #4-1393767-4
R10-E2Z4-V15.0K=R10



TE Part #YDTS20F21-35PN0000
D38999: Square Flange, 21-35 insert



TE Part #3-1445053-2
MICRO MNL HDR ASSY S/ROW LF



TE Part #1385635-1
HDM SAPR136F1700 LM



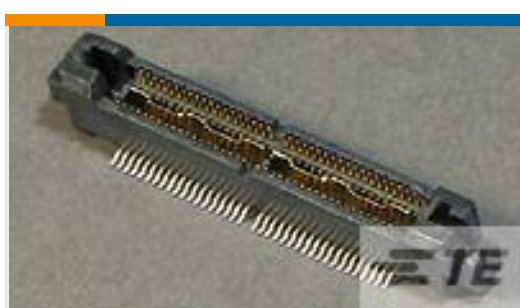
TE Part #350925-6
UMNL SOK AUNI/PHBZ



TE Part #4-1490019-3
CRIMPER, WIRE



TE Part #5-120628-8
LOCKING TRIOMATE ASY 8P(L)LDFFR



TE Part #5767111-9
MICT,PLG,076,ASY,.025 TAPE CAP



TE Part #1-57040-8
Madison Spec 100-4703 Rev. 7

Documents

Product Drawings

[PLUG ASSY,50P,HDP-20,CN](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5745883-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5745883-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5745883-2_A.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 - Cable Connectors](#)

English

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

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

Agency Approvals

[UL Report](#)

English