1658640-2 ✔ ACTIVE

AMPLIMITE

TE Internal #: 1658640-2

Crimp D-Sub Connectors, Receptacle, Cable-to-Cable, 50 Position, 20 D-Sub Contact Size, 5 D-Sub Shell Size, Mating Retention, Mounting Holes, Shielded

View on TE.com >

Connectors > D-Shaped Connectors > D-Sub Connectors > Crimp D-Sub Connectors >

D-Sub Crimp Recpt Signal 50 Posn, Socket Size 20, Shell Size 5

Connector & Housing Type: **Receptacle**

Connector System: **Cable-to-Cable**

Number of Positions: **50**

D-Sub Contact Size: **20**

D-Sub Shell Size: **5**

All D-Sub Crimp Recpt Signal 50 Posn, Socket Size 20, Shell Size 5 (6)

Features

Product Type Features

Grounding Indents	Without
Product Type	Connector
Grade	Standard
Shell Type	Full Metal Shell
Connector & Housing Type	Receptacle
Connector System	Cable-to-Cable
D-Sub Shell Size	5
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	50

Body Features

Shell Plating Material	Zinc
Shell Material	Steel
Insert Material	Glass-Filled Nylon

Contact Features

D-Sub Contact Size	20

Mechanical Attachment

Mating Retention	With
Mating Retention Type	Mounting Holes

Housing Features

Housing Color	Black
Housing Material	Nylon GF, Polyester GF
Centerline (Pitch)	2.74 mm, 2.76 mm, 2.79 mm[.108 in][.109 in][.11 in]

Dimensions

Cable Insulation Diameter Range	4.58 – 11.68 mm
Wire Size	.2 – .56 mm^2

Usage Conditions

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

Operation/Application

Shielded	Yes
Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Quantity	225
Packaging Method	Package

Other

Comment	Receptacles accept size 20 DF socket contacts.

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 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-DCPPS205
D-Sub Crimp: Plug, Signal, 50 Posn, Pin Size 20, Shell Size 5

TE Part # CAT-035-DCRSS205
D-Sub Crimp Recpt Signal 50 Posn, Socket Size 20, Shell Size 5

TE Part # 206509-1
SIZE 20 KEYING PLUG

Customers Also Bought

TE Part #1658641-3
D-Sub Crimp: Plug, Signal, 50 Posn, Pin Size 20, Shell Size 5

TE Part #2-320572-3
PIDG RING TONGUE TERMINALS

TE Part #1658686-2
D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 22

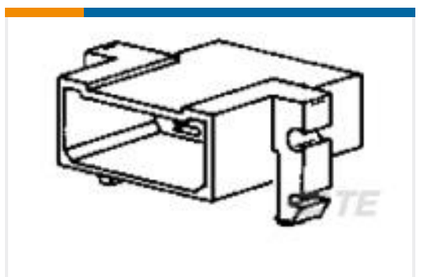
TE Part #2-1419108-6
RTB14024F

TE Part #204370-2
PIN CONTACT,Sz22D,22-28 AWG

TE Part #204509-1
AMPLIMITE,ASY,PLUG,STD,90,5

TE Part #ZPF000000000019189
FDBA 56-12-3 PY-K-A1042

TE Part #1-2035366-0
AMPSEAL 16 BACKSHELLS



TE Part #180948
6 POS FASTON TAB HOUSING

Documents

Product Drawings

RECP. ASSEMBLY SIZE 5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_1658640-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_1658640-2_C.3d_stp.zip

English

Customer View Model

ENG_CVM_1658640-2_C.2d_dxf.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

Product Environmental Compliance

MD_1658640-2_07172017724_dmtec

English

MD_1658640-2_07172017724_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English