6-5173277-4 ✔ ACTIVE

AMPLIMITE | AMPLIMITE 0.50 Series

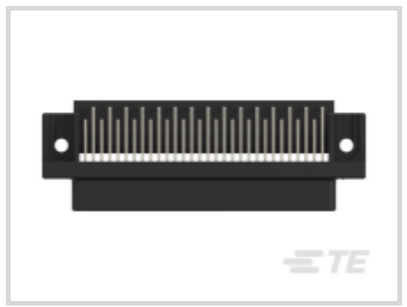
TE Internal #: 6-5173277-4

60 Position D-Shaped Connector, Receptacle, Cable-to-Board, Board Mount, 1.27 mm [.05 in] Centerline, Printed Circuit Board, AMPLIMITE 0.50 Series

View on TE.com >

Connectors > D-Shaped Connectors







Number of Positions: **60**

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Board Mount**

Centerline (Pitch): **1.27 mm [.05 in]**

Features

Product Type Features

Shell Material Configuration	All Plastic
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	60
Number of Rows	2
PCB Mount Orientation	Right Angle

Body Features

Primary Product Color	Black
Connector Profile	Standard

Contact Features

	30 µin
Contact Mating Area Plating Material	Gold (Au)

Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin over Nickel
Contact Shape & Form	Square
Contact Current Rating (Max)	1 A
Contact Options	Installed

Termination Features

Rectangular Termination Post & Tail Width	.45 mm[.017 in]
Rectangular Termination Post & Tail Thickness	.4 mm[.015 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.1 mm[.122 in]

Mechanical Attachment

Mounting Hole Diameter	2.15 mm
Mating Alignment	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Retention	Without

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	72
Packaging Method	Tray

Product Compliance

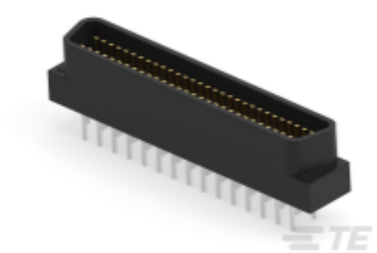
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

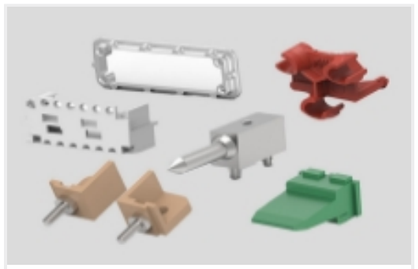
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

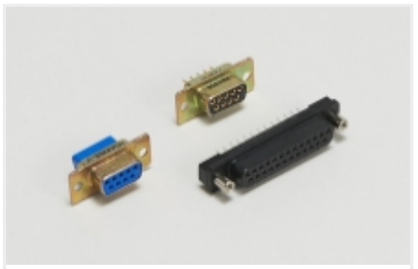


TE Part # 6-5174216-4
AMPLIMITE.050 CAP ASS'Y (V) 60P PB-FREE

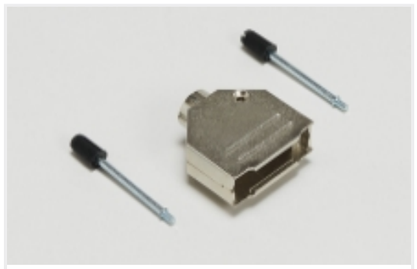
Also in the Series | AMPLIMITE 0.50 Series



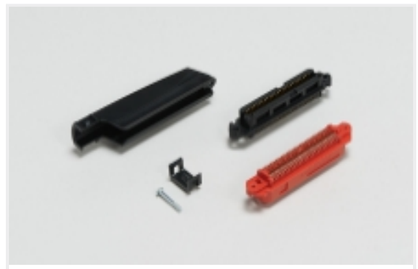
Connector Hardware(6)



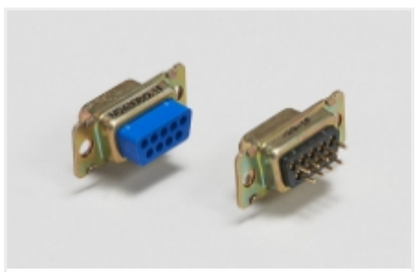
D-Shaped Connectors(237)



D-Sub Backshells & Clamps(20)



IDC D-Sub Connectors(66)



Panel Mount D-Sub Connectors(27)

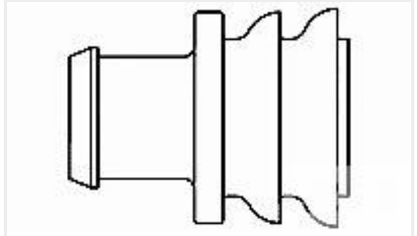
Customers Also Bought



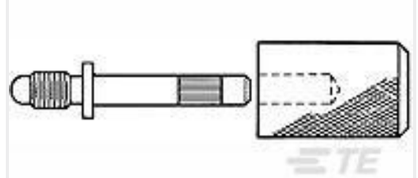
TE Part #173653-000
HET-A-02C



TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



TE Part #281934-4
SINGLE WIRE SEAL



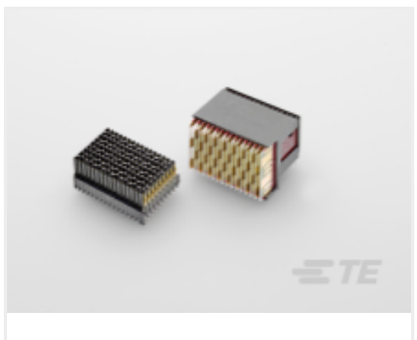
TE Part #532805-1
HDI JACKSCREW KIT



TE Part #1577649-1
TERMINAL RT PIDG PEEK STRATO 10 AWG



TE Part #1617037-7
HFW5A1201G00 = HFW 5AMP RELAY



TE Part #2302785-1
RA PLUG ASSY,7ROW,CENTER,VPX, MG RT3



TE Part #5787170-9
100 50SR R/A RCP ASSY,RDSN L/F



TE Part #1-533903-1
HDI Pin Assy 2 row 110 pos

Documents

Product Drawings

MINI MITE PLUG ASSY 60P 30AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-5173277-4_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-5173277-4_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-5173277-4_O.3d_stp.zip

English

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Product Specifications

Product Specification

English