5749085-5 × OBSOLETE

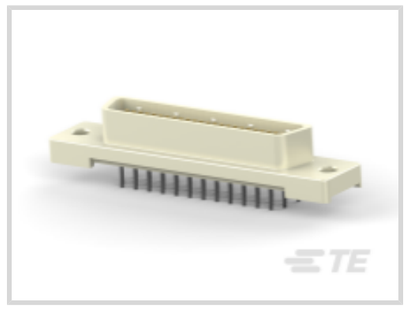
AMPLIMITE | AMPLIMITE 0.50 Series

TE Internal #: 5749085-5

TE Internal Description: 50 50SR VRT PLUG ASSY

View on TE.com >

Connectors > D-Shaped Connectors







Number of Positions: **50**

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Board Mount**

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

Features

Product Type Features

Shell Material Configuration	Full Metal Shell
Connector & Housing Type	Plug
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	50
Number of Rows	4
PCB Mount Orientation	Vertical

Body Features

Shell Plating Material	Tin
Primary Product Color	Black
Connector Profile	Standard

Contact Features

	30 µin
Contact Underplating Material	Palladium Nickel

Contact Mating Area Plating Material	Gold or Gold Flash
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Shape & Form	Round
Contact Current Rating (Max)	.4 A, .5 A
Contact Options	Installed

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.18 mm[.125 in]
Square Termination Post & Tail Dimension	.38 mm[.015 in]

Mechanical Attachment

Mounting Feature Plating Material	Nickel over Copper
Mounting Feature Material	Zinc
Mounting Hole Diameter	3.18 mm[.125 in]
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
Mating Retention Type	Screwlocks

Housing Features

Housing Material	Polyester
Shell Material	Steel
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	Yes
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	10
Packaging Method	Tube

Product Compliance

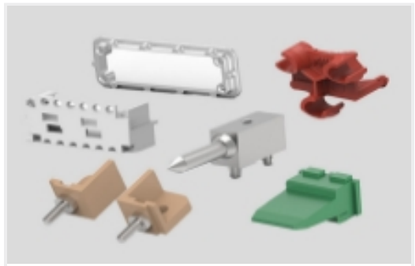
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

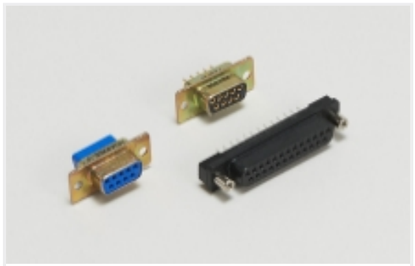
Product Compliance Disclaimer

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

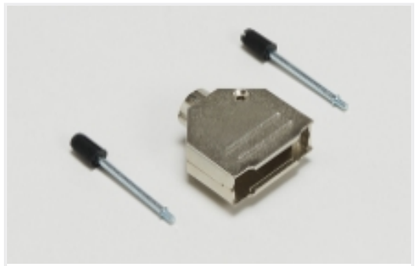
Also in the Series | AMPLIMITE 0.50 Series



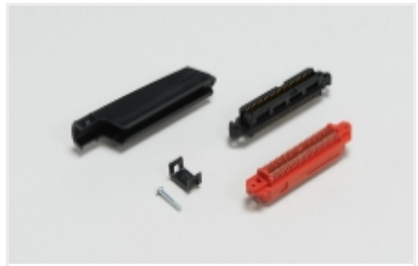
Connector Hardware(6)



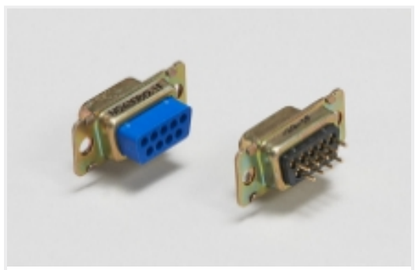
D-Shaped Connectors(234)



D-Sub Backshells & Clamps(20)



IDC D-Sub Connectors(63)



Panel Mount D-Sub Connectors(27)

Customers Also Bought



TE Part #YDIV46E11-05SCC009
PLUG ASSY



TE Part #YDIV46E11-05SBC009
PLUG ASSY



TE Part #YDIV46E15-18SNC009
PLUG ASSY



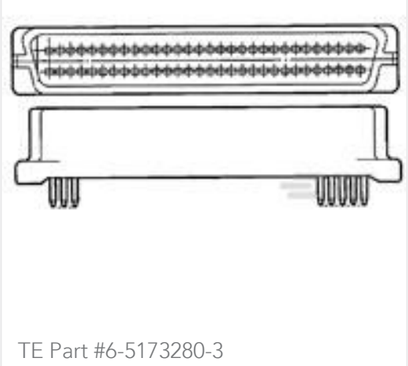
TE Part #1879447-6
TE 200W 2R7 5% Bracket



TE Part #3-2176091-2
RP 2A 0.25W 121R 0.1% 25PPM 1K RL



TE Part #6-2176092-8
RP 2A 0.25W 3K83 0.1% 25PPM 1K RL



TE Part #6-5173280-3
AMPLIMITE.050 CAP ASS'Y (V) 50P PB-FREE



TE Part #5749193-1
50 50SR KIT,ST,UK

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_5749085-5_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_5749085-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5749085-5_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English

Agency Approvals

UL

English