5-749879-5 ✔ ACTIVE

AMPLIMITE | AMPLIMITE 0.50 Series

TE Internal #: 5-749879-5

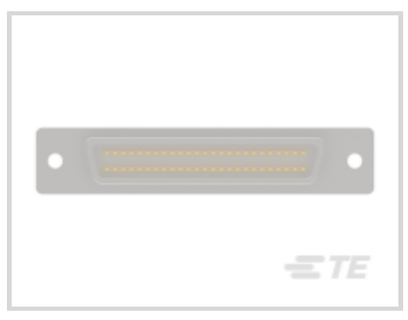
50 Position D-Shaped Connector, Plug, Cable-to-Panel, Panel Mount, 1.27 mm [.05 in] Centerline, Wire & Cable, Signal, AMPLIMITE 0.50 Series

View on TE.com >

Connectors > D-Shaped Connectors > IDC D-Sub: Plug Assembly, Panel Mount, Signal, 1.27 mm







Number of Positions: **50**

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Panel Mount**

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

All IDC D-Sub: Plug Assembly, Panel Mount, Signal, 1.27 mm (3)

Features

Product Type Features

Connector & Housing Type	Plug
Connector System	Cable-to-Panel
Connector Product Type	Connector Assembly
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	50
Number of Rows	2
Compatible With Wire & Cable Type	Ribbon Cable, Round Jacketed Cable

Body Features

Cover Material	Thermoplastic
Ribbon Cable Centerline Spacing	1.27 mm[.025 in]
Primary Product Color	Black

Contact Features

Contact Underplating Material	Palladium Nickel
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold or Gold Flash
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1 A
Contact Options	Installed

Termination Features

Termination Cover Method	Assembled
Termination Cover Type	Non Lacing
Termination Cover	With
Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Mating Retention Type	Latch Blocks
Mounting Feature Plating Material	Nickel over Copper
Mounting Feature Material	Zinc
Mating Retention	With
Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

Compatible Insulation Diameter Range	.74 – .91 mm[.029 – .036 in]
Compatible Insulation Diameter (Max)	.91 mm
Solid Wire Size	30 – 28 AWG
Wire Size	28 AWG, 30 AWG

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	10
Packaging Method	Tube

Product Compliance

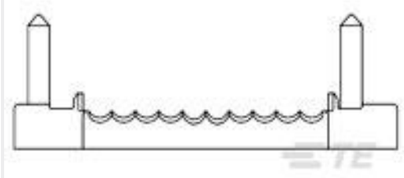
For compliance documentation, visit the product page on TE.com>

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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

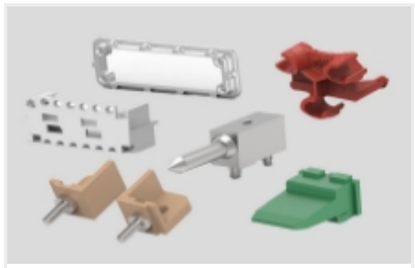
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

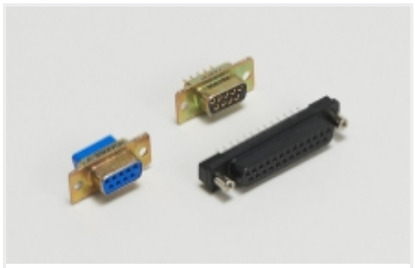


TE Part # 749108-4
50 50SR CBL CONN TERM COVER

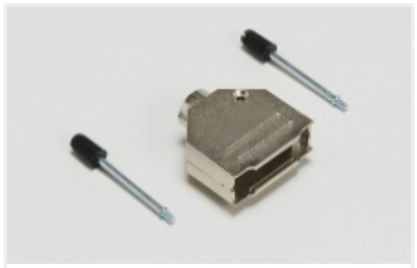
Also in the Series | AMPLIMITE 0.50 Series



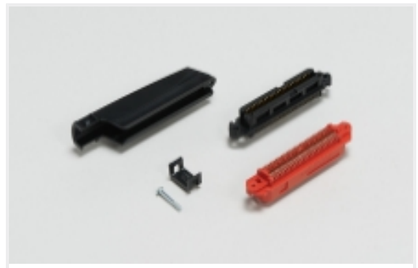
Connector Hardware(6)



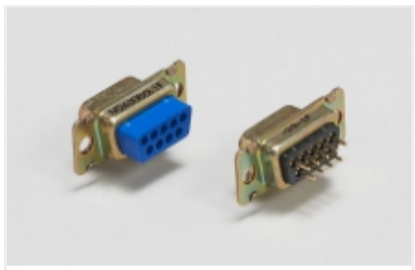
D-Shaped Connectors(234)



D-Sub Backshells & Clamps(20)



IDC D-Sub Connectors(63)

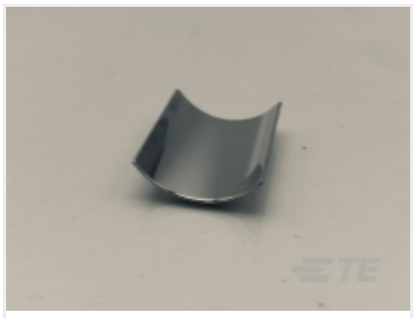


Panel Mount D-Sub Connectors(27)

Customers Also Bought



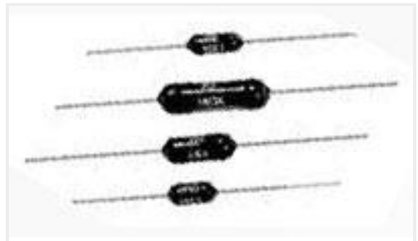
TE Part #T2040164101-000
HE-016-MC



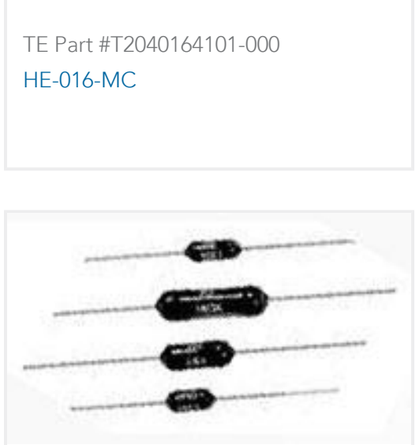
TE Part #988596-000
AE-205



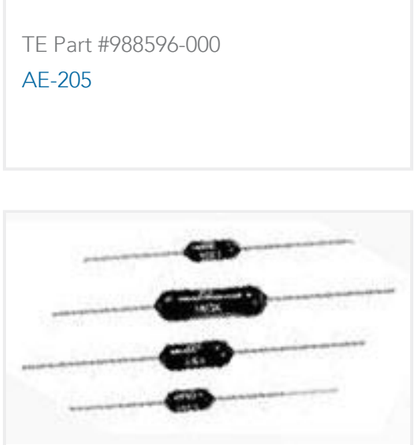
TE Part #1658611-3
15 POS HDF PLUG, AP



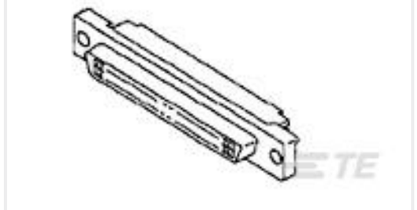
TE Part #1879627-3
H4P 12R 1% 100PPM



TE Part #1879627-7
H4P 18R 1% 100PPM



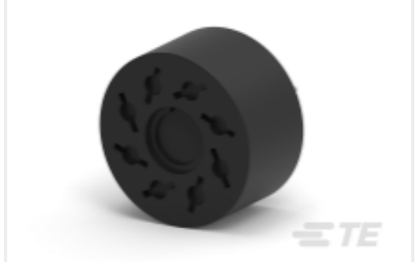
TE Part #1-1879627-1
H4P 27R 1% 100PPM



TE Part #5-749877-5
50 50SR PANEL MOUNT RCPT, ROHS



TE Part #9-1440002-6
SDT-S-105DMR2,000



TE Part #9-1415043-1
MT78602



TE Part #4-1672124-9
3100-20U5999C=2 POLE CONTACTOR

Documents

Product Drawings

50 50SR PNL MNT PLUG ASSY, ROHS

English

CAD Files

Customer View Model

ENG_CVM_CVM_5-749879-5_J1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-749879-5_J1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_5-749879-5_J1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_5-749879-5_J.3d_igs.zip

English

Customer View Model

ENG_CVM_5-749879-5_J.3d_stp.zip

English

Customer View Model

ENG_CVM_5-749879-5_J.2d_dxf.zip

English

3D PDF

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