749070-9 ✔ ACTIVE

AMPLIMITE | AMPLIMITE 0.50 Series

TE Internal #: 749070-9

100 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 > AMPLIMITE D-Sub Receptacle Assembly: Vertical, 1.27mm



Number of Positions: **100**

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Board Mount**

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

All AMPLIMITE D-Sub Receptacle Assembly: Vertical, 1.27mm (41)

Features

Product Type Features

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

Configuration Features

Number of Positions	100
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Shell Plating Material	Nickel over Copper
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-Lead
Contact Current Rating (Max)	1 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	.4 mm[.016 in]

Mechanical Attachment

	.125 in
Mounting Feature Plating Material	Nickel over Copper
Mounting Feature Material	Zinc
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	Thermoplastic
Shell Material	Carbon 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	6
Packaging Method	Tube

Product Compliance

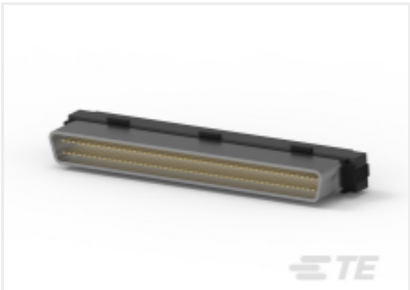
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (13% in 4690948374) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not lead free process capable

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 # 5749111-8
100 50SR CABLE PLUG ASSY

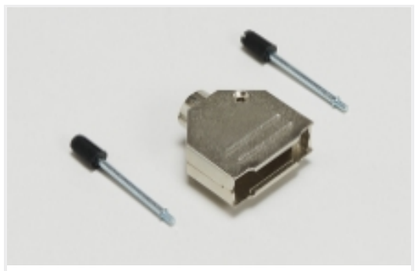
Also in the Series | AMPLIMITE 0.50 Series



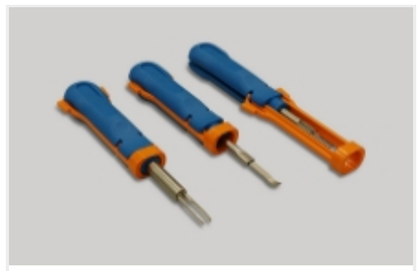
Connector Backshells(20)



Connector Caps & Covers(20)



D-Sub Backshells & Clamps(20)

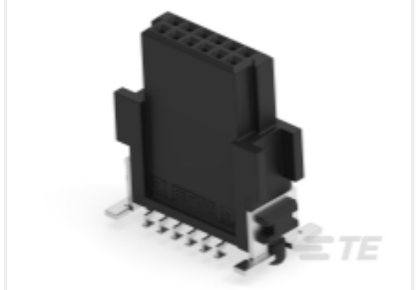


Insertion & Extraction Tools(1)



PCB D-Sub Connectors(171)

Customers Also Bought



TE Part #234198-E
SMCB 12 F AB VV 7-23 CL * H007 137 E002



TE Part #103309-1
010 LOPRO HDR SP 30DP



TE Part #414026-3
JACK ASSY,SMB,RT ANG



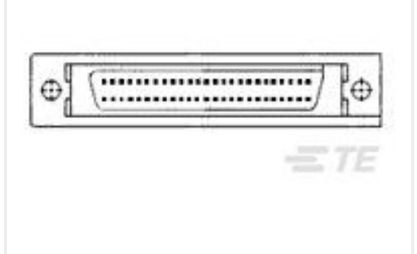
TE Part #4-1415899-7
RZ03-1A3-D005



TE Part #1761011-3
SFP 1X2 LIGHT PIPE ASSY



TE Part #3-2176070-2
3521 200R 1% 2W



TE Part #2-5174339-5
AMPLIMITE CAP HEADER



TE Part #6368150-1
MJ,TE,8P,CAT5,SHIELDED



TE Part #124045-E
SMCB 50 F AB VV 6-03 CLHD * H007 137 E00



TE Part #4-1393788-1
V23079B1208B301

Documents

Product Drawings

100 50SR VERT RCPT ASSY

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_749070-9_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_749070-9_F.3d_igs.zip

English

Customer View Model

ENG_CVM_749070-9_F.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English