5390377-7 ✓ ACTIVE

AMPLIMITE | AMPLIMITE 0.50 Series

TE Internal #: 5390377-7

AMPLIMITE 0.50 Series, IDC D-Sub Connectors, Plug, 32 – 30AWG Solid Wire Size, .03 – .05mm² Solid Wire Size, Cable-to-Cable, 68 Position

View on TE.com >

Connector & Housing Type: **Plug**

Solid Wire Size: **.03 – .05 mm²**

Shielded: **No**

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

Features

Product Type Features

Rails	Without
Connector & Housing Type	Plug
Connector System	Cable-to-Cable
Connector Product Type	Connector Assembly
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	68
Number of Rows	2
Compatible With Wire & Cable Type	Flat Ribbon Cable

Body Features

Bracket Material	Zinc
Color	Black
Bracket Plating Material	Nickel
Ribbon Cable Centerline Spacing	.64 mm[.025 in]
Shell Material	Zinc Die Cast
Shell Plating Material	Nickel

Contact Features

	30 µin

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Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1 A

Termination Features

Termination Cover	With
Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)

Mechanical Attachment

Mating Connector Lock	With
Mounting Angle	None
Mating Connector Lock Type	Screwlocks
Panel Mount Feature	Without
PCB Mount Retention Type	None
Detent	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT
Housing Color	Black
Centerline (Pitch)	.64 mm[.025 in]

Dimensions

Solid Wire Size	.03 – .05 mm²
Wire Size	.03 mm², .05 mm²

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 Method	Box & Tray, Tray

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Packaging Quantity	1200

Product Compliance

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

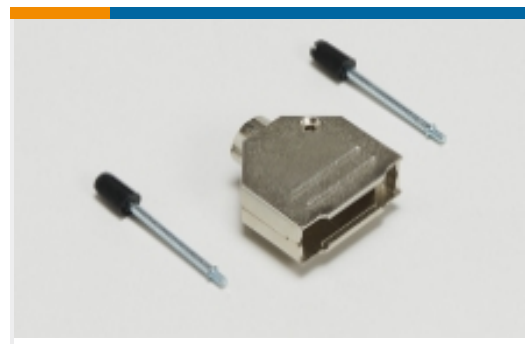| EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JUN 2018 (191) Does 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 Model / Part # 787043-7
068 50SR STRAIN RELIEF

TE Model / Part # 749656-7
68 50SR PANEL MOUNT RCPT

Also in the Series | AMPLIMITE 0.50 Series

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D-Sub Backshells & Clamps(31)

D-Sub Covers(20)

D-Sub Locking & Mounting(8)

IDC D-Sub Connectors(77)

Insertion & Extraction Tools(1)

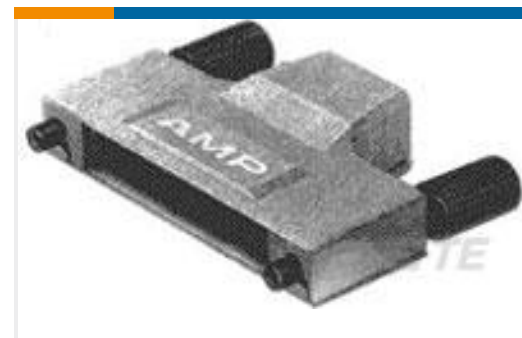PCB D-Sub Connectors(196)

Customers Also Bought

TE Model / Part #1-749656-2
68 50SR PANEL MOUNT RCPT

TE Model / Part #5750752-1
68 50SR BKSHELL KIT W/BOOT

TE Model / Part #5-749877-7
68 50SR PANEL MOUNT RCPT, ROHS

TE Model / Part #5749081-1
100 50SR BSHLL KIT,M J-SCR

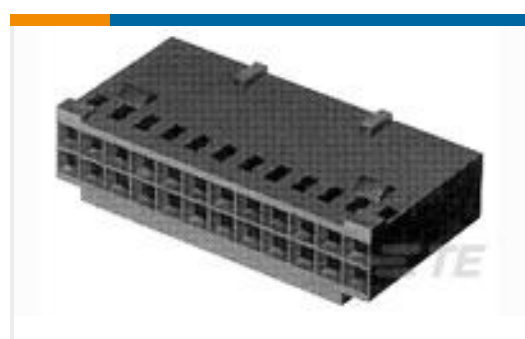TE Model / Part #5749621-7
68 50S CABLE PLUG CONN/COV KIT

TE Model / Part #5749193-2
50 50SR KIT,ST,UK

TE Model / Part #3-747580-1
SHLDNG FERRULE, PLTD, BULK PKG

TE Model / Part #5787170-7
68 50SR R/A RCPT ASSY,RDSN L/F

TE Model / Part #87733-1
20 MODIV HSG W/STR RLF DR MRKD

TE Model / Part #5749070-7
68 50SR VERT RCPT ASSY

Documents

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Product Drawings

68 POS A/P PLUG 25 CL 30AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5390377-7_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5390377-7_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5390377-7_O.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

Instruction Sheets

Customer Manual (U.S.)

English