750640-1 SUPERSEDED

AMPLIMITE | AMPLIMITE 0.50 Series

TE Internal #: 750640-1

TE Internal Description: 50 50SR PANEL MOUNT RCPT

View on TE.com >

Connectors > D-Shaped Connectors



Number of Positions: **50**

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Panel Mount**

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

Features

Product Type Features

Connector & Housing Type	Receptacle
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	Flat Ribbon Cable, Round Jacketed Cable

Body Features

Cover Material	Polyester
Shell Plating Material	Nickel over Copper
Ribbon Cable Centerline Spacing	.64 mm[.025 in]
Primary Product Color	Black

Contact Features

	30 µin
Contact Underplating Material	Palladium Nickel
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material	Gold or Gold Flash
Contact Base Material	Phosphor Bronze

Contact Current Rating (Max)	1 A

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
Thread Size	4-40 UNC
Mounting Feature Plating Material	Nickel over Copper
Mounting Feature Material	Zinc
Mating Retention	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	Polyester
Shell Material	Carbon Steel
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	30 – 28 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	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Compliant
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: DEC 2012 (138) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

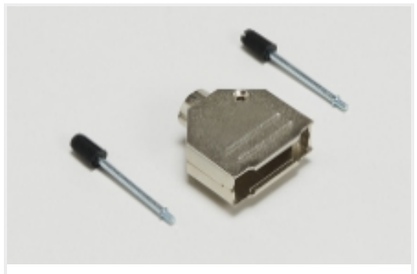
Also in the Series | AMPLIMITE 0.50 Series



Connector Backshells(20)



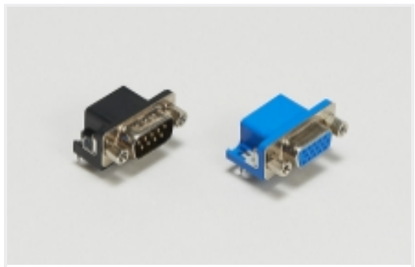
Connector Caps & Covers(20)



D-Sub Backshells & Clamps(20)



Insertion & Extraction Tools(1)



PCB D-Sub Connectors(171)

Customers Also Bought



TE Part #1-111008-2
064 UNIV HDR SP 4V 30DP STD



TE Part #1-221128-1
PLUG,COMMERCIAL BNC



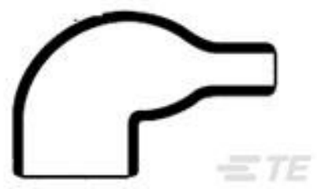
TE Part #5-750450-1
50 50SR PANEL MOUNT RCPT, ROHS



TE Part #413589-3
KIT PLUG 75 OHM BNC HEX CRIMP



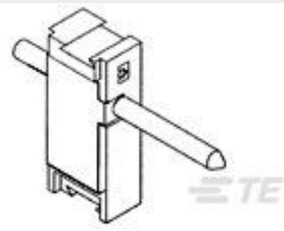
TE Part #6646147-1
CONNECTOR, SOCKET, DOMINO



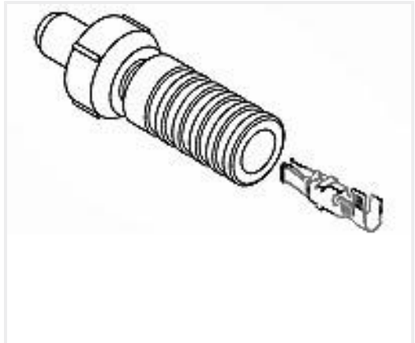
TE Part #814376-000
222A132-4-0



TE Part #YDIV46E11-05PDC009
PLUG ASSY



TE Part #6648508-1
MODULE,DOMINO



TE Part #863103-1
LGH CSL PLUG ASSY

Documents

Product Drawings

50 50SR PANEL MOUNT RCPT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_750640-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_750640-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_750640-1_D.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