

68 50SR R/A RCPT ASSY,REDESIGN

✓ ACTIVE

AMPLIMITE | AMPLIMITE 0.50 Series

TE Part # 787171-7

TE Internal #: 787171-7

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Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors



Connector Style: **Receptacle**

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

Number of Positions: **68**

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

Number of Rows: **2**

Features

Product Type Features

Grounded	Yes
Shell Type	Full Metal Shell
Connector Style	Receptacle
Connector System	Cable-to-Board
Row-to-Row Spacing	.1 in, 2.54 mm
Profile	Standard
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Shielded	Yes
Connector Type	Connector Assembly
Product Type	Connector

Configuration Features

Number of Positions	68
Number of Rows	2
PCB Mount Orientation	Right Angle

Body Features

Bracket Material	Zinc
Shell Plating Finish	Bright
Bracket Plating Material	Nickel over Copper
Post Plating Material	Tin-Lead over Nickel



Shell Plating Material	Nickel
Shell Material	Carbon Steel
	.012 in

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1 A
	30 μin
Contact Mating Area Plating Material	Gold Flash over Palladium Nickel, Gold

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post Length	2.54 mm[.1 in]

Mechanical Attachment

PCB Mount Alignment	With
Panel Mount Feature	With
PCB Mounting Style	Through Hole - Press-Fit
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Connector Lock	With
Mating Connector Lock Type	Mounting Holes
Connector Mounting Type	Board Mount
Mating Retention	With
Boardlock Plating Material	Tin-Lead over Nickel
Mating Alignment Type	Rails
Boardlock Material	Copper Alloy
Mating Retention Type	Latch
Mating Alignment	With
	.109 in

Housing Features

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



Housing Color	Black
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Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tube
Packaging Quantity	6

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	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: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
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 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**



D-Sub Backshells & Clamps
(32)



D-Sub Covers(20)



D-Sub Locking & Mounting
(9)



IDC D-Sub Connectors(78)



PCB D-Sub Connectors
(212)

Customers Also Bought



TE Part #352171-1
Z-PACK/B F-HDR. 95P



TE Part #1761028-4
68 50SR R/A RCPT ASSY,
LEAD FREE



TE Part #1060455-1
5162 5013 09,SMB PCB
JACK RECP



TE Part #352033-1
Z-PACK 2MM HM ASSY,
TYPE-B 133P



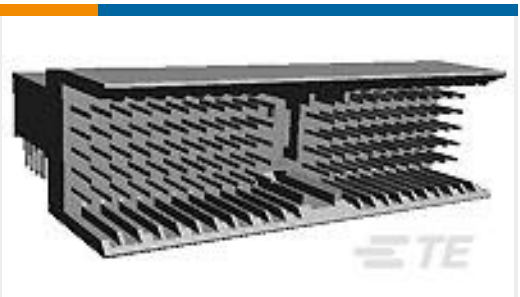
TE Part #787171-5
50 50SR R/A RCPT ASSY,
REDESIGN



TE Part #8-1437537-7
824-AG30D=SOCKET
ASSY



TE Part #1757835-1
AMPLIMITE,PLUG ASY,R
/A,109,ZN,1



TE Part #352406-1
Z-PACK/B RAMH. 95P.

68 50SR R/A RCPT ASSY,REDESIGN

TE Part # 787171-7
TE Internal #: 787171-7



TE Part #749069-7
68 50SR VERT RCPT ASSY



TE Part #1-102156-0
050 UNIV HDR SP 4S 30DP
STD

Documents

Product Drawings

68 50SR R/A RCPT ASSY,REDESIGN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_787171-7_V.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_787171-7_V.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_787171-7_V.3d_stp.zip

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English