787171-2 ✔ ACTIVE

AMPLIMITE | AMPLIMITE 0.50 Series

TE Internal #: 787171-2

PCB D-Sub Connectors, Receptacle, Cable-to-Board, 26 Position, 1.27 mm [.05 in] Centerline, 2 Row, Standard Profile, AMPLIMITE 0.50 Series

View on TE.com >

Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Right Angle, 1.27mm

Connector & Housing Type: **Receptacle**

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

Number of Positions: **26**

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

Number of Rows: **2**

All D-Sub Receptacle Assembly: Right Angle, 1.27mm (76)

Features

Product Type Features

Shell Type	Full Metal Shell
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Shielded	Yes
Connector Type	Connector Assembly
Product Type	Connector

Configuration Features

Number of Positions	26
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

Connector Profile	Standard
Shell Plating Material	Nickel over Copper
Shell Material	Carbon Steel
	.034 in

Contact Features

Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Contact Underplating Material	Palladium Nickel
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1 A
	30 µin

Termination Features

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

Mechanical Attachment

PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Latch
Connector Mounting Type	Board Mount
Boardlock Plating Material	Tin-Lead over Nickel
Mating Alignment Type	Rails
Boardlock Material	Copper Alloy
Mating Alignment	With
	.109 in

Housing Features

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

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Method	Tube
Packaging Quantity	14

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (13% in Component Part) 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	Wave solder capable to 265°C

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 # 1-5749111-0

26 50SR CABLE PLUG ASSY

Also in the Series | AMPLIMITE 0.50 Series

D-Sub Backshells & Clamps(31)

D-Sub Covers(20)

D-Sub Locking & Mounting(8)

IDC D-Sub Connectors(76)

Insertion & Extraction Tools(1)

PCB D-Sub Connectors(191)

Documents

Product Drawings

26 50SR R/A RCPT ASSY,REDESIGN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_787171-2_V.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_787171-2_V.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_787171-2_V.3d_stp.zip

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL

English