# 5787082-2 - ACTIVE

#### AMPLIMITE | AMPLIMITE 0.50 Series

TE Internal #: 5787082-2 Receptacle, Cable-to-Board, 26 Position, 1.27 mm [.05 in] Centerline, 4 Row, Standard Profile, AMPLIMITE 0.50 Series, PCB D-Sub Connectors

#### 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: 4

All D-Sub Receptacle Assembly: Right Angle, 1.27mm (74)

## 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	26	
Number of Rows	4	
PCB Mount Orientation	Right Angle	
Body Features		
Assembly Process Feature Material	Copper Alloy	
Shell Plating Material	Nickel over Copper	
Primary Product Color	Black	

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Connector Profile	Standard
Contact Features	
Contact Underplating Material	Palladium Nickel
	30 µin
Contact Options	Installed
Contact Mating Area Plating Material	Gold (Au), Gold Flash
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin, Tin over Nickel
Contact Current Rating (Max)	1 A
Termination Features	
Rectangular Termination Post & Tail Width	.41 mm[.016 in]
Rectangular Termination Post & Tail Thickness	.3 mm[.011 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.54 mm[.1 in]
Mechanical Attachment	
Mounting Feature Plating Material	Nickel over Copper
Mounting Feature Material	Zinc
Mounting Hole Diameter	2.77 mm[.109 in]
Mating Alignment	Without
PCB Mount Alignment	Without
Assembly Process Feature Plating Material	Tin over Nickel
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Latch
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	Thermoplastic
Shell Material	Carbon Steel
Centerline (Pitch)	1.27 mm[.05 in]
Dimensions	
PCB Thickness (Recommended)	1.57 mm[.062 in]

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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
Compatible With Approved Standards Products	LR-86179-1, UL E28476
Packaging Features	
Packaging Quantity	14
Packaging Method	Tube
<b>Product Compliance</b> 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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°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

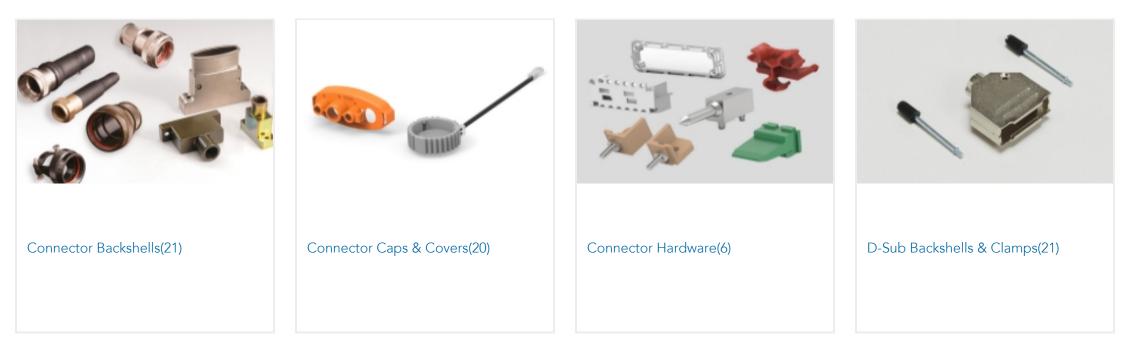
Receptacle, Cable-to-Board, 26 Position, 1.27 mm [.05 in] Centerline, 4 Row, Standard Profile, AMPLIMITE 0.50 Series, PCB D-Sub Connectors



# **Compatible Parts**



# Also in the Series | AMPLIMITE 0.50 Series









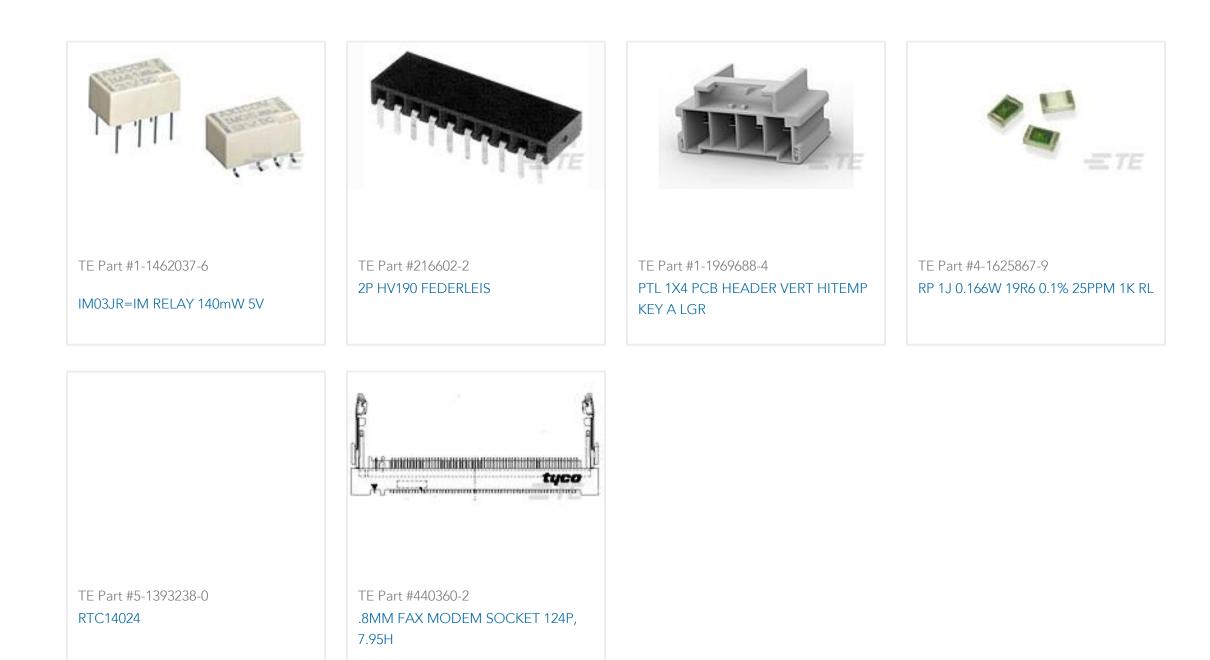
IDC D-Sub Connectors(69)	Insertion & Extraction Tools(1)	PCB D-Sub Connectors(172)

# Customers Also Bought



Receptacle, Cable-to-Board, 26 Position, 1.27 mm [.05 in] Centerline, 4 Row, Standard Profile, AMPLIMITE 0.50 Series, PCB D-Sub Connectors





# Documents

#### **CAD** Files

Customer View Model

ENG\_CVM\_CVM\_5787082-2\_A.2d\_dxf.zip

English

#### 3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5787082-2\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5787082-2\_A.3d\_stp.zip

English

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Product Specifications Application Specification

English

Agency Approvals

UL

English