

5787190-8 ✓ ACTIVE

AMPLIMITE | AMPLIMITE 0.50 Series

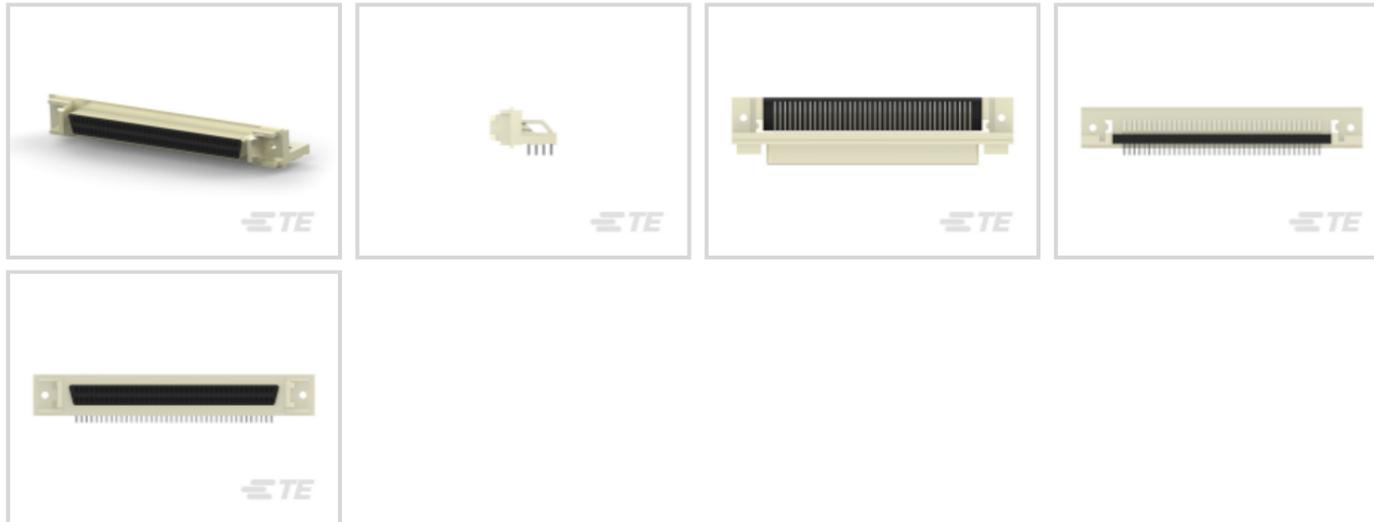
TE Internal #: 5787190-8

80 Position D-Shaped Connector, Receptacle, Cable-to-Board,  
Board Mount, 1.27 mm [.05 in] Centerline, Printed Circuit Board,  
AMPLIMITE 0.50 Series

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



Number of Positions: **80**

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Board Mount**

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

[All D-Sub Receptacle Assembly: Right Angle, 1.27mm \(73\)](#)

## Features

### Product Type Features

Ground Feature Type	Grounding Indents
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	80
Number of Rows	2
PCB Mount Orientation	Right Angle

### Body Features

Shell Plating Finish	Bright
Shell Plating Material	Nickel over Copper



Primary Product Color	Black
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Connector Profile	Standard
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### Contact Features

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Contact Underplating Material	Palladium Nickel
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Contact Mating Area Plating Material	Gold (Au)
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Contact Base Material	Phosphor Bronze
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PCB Contact Termination Area Plating Material	Tin over Nickel
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Contact Current Rating (Max)	1 A
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Contact Options	Installed
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### Termination Features

Rectangular Termination Post & Tail Width	.41 mm [.016 in]
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Rectangular Termination Post & Tail Thickness	.3 mm [.011 in]
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Termination Method to PCB	Through Hole - Solder
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Termination Post & Tail Length	2.54 mm [.1 in]
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### Mechanical Attachment

	.109 in
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Mounting Feature Plating Material	Nickel over Copper
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Mounting Feature Material	Zinc
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Mating Alignment Type	Rails
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Mating Alignment	With
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PCB Mount Alignment	Without
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Connector Mounting Type	Board Mount
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PCB Mount Retention	Without
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Mating Retention	With
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Mating Retention Type	Latch
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### Housing Features

Housing Material	Thermoplastic
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Shell Material	Carbon Steel
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Centerline (Pitch)	1.27 mm [.05 in]
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### Dimensions

	.062 in
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Row-to-Row Spacing	2.54 mm[.1 in]
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### Usage Conditions

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

Shielded	Yes
Circuit Application	Signal

### Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL E28476

### Packaging Features

Packaging Quantity	7
Packaging Method	Tube

### 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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

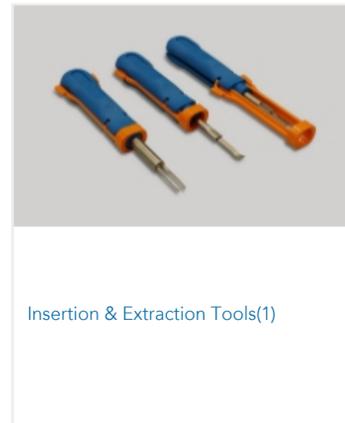
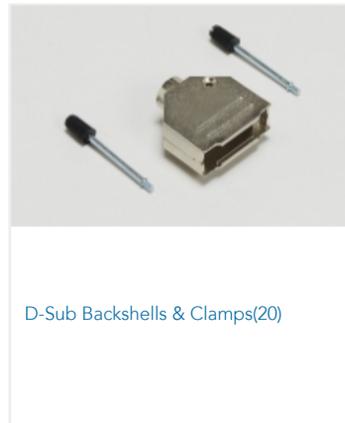
#### Product Compliance Disclaimer

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>

## Compatible Parts



## Also in the Series | **AMPLIMITE 0.50 Series**



## Customers Also Bought





## Documents

### Product Drawings

80 50SR R/A RCPT ASSY,RDSN L/F

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5787190-8\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5787190-8\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5787190-8\\_A.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