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5787082-2

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

AMPLIMITE | AMPLIMITE 0.50 Series

TE Internal #: **5787082-2**TE Internal Description: **26 50SR R/A RCPT
ASSY,RDSN L/F**Connector & Housing Type: **Receptacle**Connector System: **Cable-to-Board**Number of Positions: **26**Centerline (Pitch): **1.27 mm [.05 in]**Number of Rows: **4** [Digital Datasheet](#)[Compatible Parts & Tooling](#)[Purchase items directly
from TE.com](#)**We are here to help!**

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Documents

Features

Product Compliance

Product Drawings

26 50SR R/A RCPT ASSY,RDSN L/F

 [26 50SR R/A RCPT ASSY,RDSN L/F](#)

English

CAD Files

PCB Design

[Download symbol & footprint \(Ultra Librarian\)](#)

3D PDF

 [3D_CVM_CVM_5787082-2_A.pdf](#)

3D

Customer View Model

 [ENG_CVM_CVM_5787082-2_A.2d_dxf.zip](#)

English

 [ENG_CVM_CVM_5787082-2_A.3d_igs.zip](#)

English

 [ENG_CVM_CVM_5787082-2_A.3d_stp.zip](#)

English

Product
Specifications

Application Specification

 [ENG_SS_114-40029_J.pdf](#)

English

Product Specification

 [ENG_SS_108-1228_F.pdf](#)

English

Qualification Test Report
[📄 ENG_SS_501-155_C.pdf](#)
English

Product
Environmental
Compliance

MD_5787082-2_0903201129
[📄 ENG_PC_MD_5787082-2_B\(607072\).xlsx](#)
English
MD_5787082-2_0903201129
[📄 ENG_PC_MD_5787082-2_B\(992093\).xml](#)
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

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**
Product Type : **Connector**
Connector Type : **Connector Assembly**
Grounding Straps : **Without**
Grounded : **No**
Grounding Indents : **Without**
Shielded : **Yes**

Configuration
Features

Number of Positions : **26**
Number of Rows : **4**
PCB Mount Orientation : **Right Angle**

Body Features

Connector Profile : **Standard**
Shell Material : **Carbon Steel**
Post Plating Material : **Tin over Nickel**
Shell Plating Material : **Nickel over Copper**
Bracket Plating Material : **Nickel over Copper**
Bracket Material : **Zinc**

Contact Features

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

Termination
Features

Termination Method to Printed Circuit Board :
Through Hole - Solder
Grounding Clips : **Without**
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 Mounting Hole Diameter : 2.77 mm [.109 in] Mating Alignment : Without Mating Retention Type : Latch Boardlock Material : Copper Alloy Boardlock Plating Material : Tin over Nickel Mating Retention : With
Housing Features	Centerline (Pitch) : 1.27 mm [.05 in] Housing Color : Black Housing Material : Thermoplastic
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 : LR-86179-1, UL E28476 UL Flammability Rating : UL 94V-0
Packaging Features	Packaging Quantity : 14 Packaging Method : Tube
Statement of Compliance	Statement of Compliance pdf

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 (77)

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