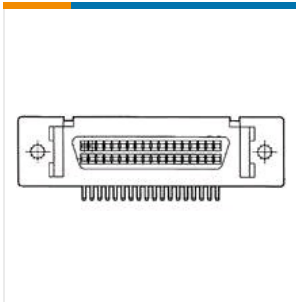




## PCB D-SUB CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### AMPLIMITE 050 PLUG 50P TYPE A

[AMPLIMITE | 0.50 Connector System](#)

2-5174726-4

TE Internal Number: 2-5174726-4

[Always EU RoHS/ELV Compliant](#)

Connector Style **Receptacle**

Centerline **1.27 mm [ .05 in ]**

Number of Positions **50**

Number of Rows **4**

PCB Mounting Orientation **Right Angle**

#### Product Drawings

##### [PLUG HEADER \(HORIZONTAL/M2.5\) AMPLIMITE .050 SERIES II CONNECTOR TYPE A](#)

PDF ([TIFF AVAILABLE](#))  
English

##### [PLUG HEADER \(HORIZONTAL/M2.5\) AMPLIMITE .050 SERIES II CONNECTOR TYPE A](#)

PDF ([TIFF AVAILABLE](#))  
English

#### CAD Files

##### [Customer View Model](#)

2D\_DXF.ZIP  
English

##### [Customer View Model](#)

3D\_IGS.ZIP  
English

##### [Customer View Model](#)

3D\_STP.ZIP  
English

##### [3D PDF](#)

PDF  
English

#### Product Environmental Compliance

TE Material Declaration

##### [MD\\_2-5174726-4\\_1201201117](#)

PDF  
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

Connector Style

**Receptacle**

PCB Mounting Orientation

**Right Angle**

	Grounding Straps	<b>Without</b>
	Shell Type	<b>Full Metal Shell</b>
	Grounding Indents	<b>Without</b>
	Applies To	<b>Printed Circuit Board</b>
	Connector Type	<b>Connector Assembly</b>
	Grounded	<b>No</b>
	Product Type	<b>Connector</b>
	Shielded	<b>Yes</b>
<hr/>		
Configuration Features	Number of Positions	<b>50</b>
	Number of Rows	<b>4</b>
<hr/>		
Body Features	Shield Plating Material	<b>Nickel over Copper</b>
	Shell Plating Material	<b>Nickel over Copper</b>
	Shell Material	<b>Zinc Die Cast</b>
	Shield Material	<b>Zinc Die Cast</b>
	Post Plating Material	<b>Tin over Nickel</b>
	Post Spacer Material	<b>Thermoplastic</b>
<hr/>		
Contact Features	Solder Tail Contact Plating Material	<b>Tin</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Contact Mating Area Plating Thickness (µin)	<b>30</b>
	Contact Mating Area Plating Material	<b>Gold</b>
<hr/>		
Termination Features	Termination Post Length	<b>3.8 mm [ .15 in ]</b>
	Termination Method to PC Board	<b>Through Hole - Solder</b>
	Grounding Clips	<b>Without</b>
<hr/>		
Mechanical Attachment	PCB Mounting Style	<b>Through Hole</b>
	PCB Mount Retention	<b>With</b>
	PCB Mount Retention Type	<b>Mounting Holes</b>
	Panel Mount Retention	<b>Without</b>
	Mating Retention	<b>Without</b>
	PCB Mount Alignment	<b>Without</b>
	Mounting Hole Diameter (mm)	<b>2.7</b>
	Mating Alignment	<b>Without</b>

Housing Features	Centerline	1.27 mm [ .05 in ]
	Housing Color	Black
	Housing Material	PBT
Industry Standards	Post Spacer Flammability Rating	UL 94V-0
	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Tray
	Packaging Quantity	5
Product Compliance	<a href="#">Statement of Compliance</a>	
	<a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	