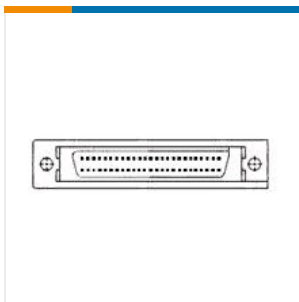




## PCB D-SUB CONNECTORS



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

### AMPLIMITE 050 SRS CONTACT

AMPLIMITE | 0.50 Connector System

5174339-4

TE Internal Number: 5174339-4

Always EU RoHS/ELV Compliant

Connector Style **Plug**

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

Number of Positions **50**

PCB Mounting Orientation **Vertical**

PCB Mount Retention **With**

#### Product Drawings

[CAP HEADER \(VERTICAL/M2.5\) AMPLIMITE .050 SERIES II CONN. TYPE B](#)

PDF  
English

#### CAD Files

[3D PDF](#)

PDF  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
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

**Plug**

PCB Mounting Orientation

**Vertical**

Shell Type

**Full Metal Shell**

Post Plate Material

**Thermoplastic**

Applies To

**Printed Circuit Board**

Connector Type

**Connector Assembly**

Product Type

**Connector**

Shielded

**Yes**

Configuration Features	Number of Positions	<b>50</b>
Body Features	Shield Plating Material	<b>Nickel over Copper</b>
	Retention Leg Material	<b>Nickel</b>
	Shell Plating Material	<b>Nickel over Copper</b>
	Shell Material	<b>Zinc Die Cast</b>
	Retention Leg Plating Material	<b>Brass</b>
	Shield Material	<b>Zinc</b>
	Post Plating Material	<b>Tin over Nickel</b>
Contact Features	Solder Tail Contact Plating Material	<b>Tin over Nickel</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>
Termination Features	Termination Post Length	<b>3.1 mm [ .122 in ]</b>
	Termination Method to PC Board	<b>Through Hole - Solder</b>
Mechanical Attachment	PCB Mount Retention	<b>With</b>
	PCB Mount Retention Type	<b>Boardlocks</b>
	Mating Retention	<b>Without</b>
	PCB Mount Alignment	<b>Without</b>
	Mating Alignment	<b>Without</b>
Housing Features	Centerline	<b>1.27 mm [ .05 in ]</b>
	Housing Color	<b>Black</b>
	Housing Material	<b>PBT</b>
Industry Standards	Post Plate Flammability Rating	<b>UL 94V-0</b>
	UL Flammability Rating	<b>UL 94V-0</b>
Packaging Features	Packaging Method	<b>Tray</b>
	Packaging Quantity	<b>90</b>

[VIEW ALL PRODUCT COMPLIANCE](#)