



# PCB D-SUB CONNECTORS



## TE CONNECTIVITY (TE) 68 50SR VERT RCPT ASSY AMPLIMITE | 0.50 Connector System

749069-7  
TE Internal Number: 749069-7

Not EU RoHS or ELV Compliant  
[Find Compliant Alternatives](#)

Connector Style **Receptacle**

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

Number of Positions **68**

Number of Rows **2**

PCB Mounting Orientation **Vertical**

Active

[PRODUCT DRAWING](#)  
English

[3D PDF](#)

### Product Drawings

[RECEPTACLE ASSEMBLY, SHIELDED, VERTICAL, RAILED, AMPLIMITE .050 Series](#)

PDF  
English

### CAD Files

[3D PDF](#)

PDF  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[Customer View Model](#)

2D\_DXF.ZIP  
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[Customer View Model](#)

3D\_IGS.ZIP  
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### Product Specifications

Product Specification

[Connector, AMPLIMITE, Shielded, .050 Series](#)

PDF  
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Application Specification

[AMPLIMITE .050 Series Cable End Insulation Displacement Connector \(IDC\) And Printed Circuit \(PC\) Board Connector](#)

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Qualification Test Report

[.050 Series Shielded AMPLIMITE Connector](#)

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English

### Product Environmental Compliance

TE Material Declaration

[MD\\_749069-7\\_0806201256](#)

PDF  
English

Product Type Features	Connector Style	<b>Receptacle</b>
	PCB Mounting Orientation	<b>Vertical</b>
	Shell Type	<b>Full Metal Shell</b>
	Applies To	<b>Printed Circuit Board</b>
	Connector Type	<b>Connector Assembly</b>
	Product Type	<b>Connector</b>
	Shielded	<b>Yes</b>
Configuration Features	Number of Positions	<b>68</b>
	Number of Rows	<b>2</b>
Body Features	Bracket Plating Material	<b>Nickel over Copper</b>
	Bracket Material	<b>Zinc</b>
	Shell Plating Material	<b>Nickel over Copper</b>
	Shell Material	<b>Carbon Steel</b>
	Post Size (in)	<b>.02</b>
	Post Plating Material	<b>Tin-Lead</b>
Contact Features	Contact Base Material	<b>Phosphor Bronze</b>
	Contact Mating Area Plating Thickness (µin)	<b>30</b>
	Contact Mating Area Plating Material	<b>Gold Flash over Palladium Nickel, Gold</b>
Termination Features	Termination Post Length	<b>3.18 mm [ .125 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>Mounting Holes</b>
	Mating Connector Lock	<b>With</b>
	Mating Alignment Type	<b>Rails</b>
	Mating Retention Type	<b>Latch</b>
	Mating Retention	<b>With</b>
	PCB Mount Alignment	<b>Without</b>
	Mounting Hole Diameter (in)	<b>.109</b>
Mating Alignment	<b>With</b>	

Housing Features	Centerline	<b>1.27 mm [ .05 in ]</b>
	Housing Color	<b>Black</b>
	Housing Material	<b>Thermoplastic</b>

Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
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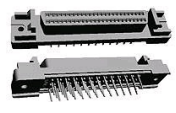


Packaging Features	Packaging Method	<b>Tube</b>
	Packaging Quantity	<b>8</b>

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

SURFACE MOUNT RESISTORS	PCB D-SUB CONNECTORS	SURFACE MOUNT RESISTORS	RJ45 CONNECTORS
 <p>CPF 0402 57R6 0.1% 25PPM 1K RL CPF0402B57R6E1</p>	 <p>68 50SR VERT RCPT ASSY 5749069-7</p>	 <p>CPF 0603 47R 0.1% 25PPM 1K RL CPF0603B47RE1</p>	 <p>MJ, R/A, 10P, PNL GRN, DIR COMPT 5558070-1</p>
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