



PCB D-SUB CONNECTORS



TE CONNECTIVITY (TE)

68 50SR R/A RCPT ASSY, REDESIGN

AMPLIMITE | 0.50 Connector System

787082-7

TE Internal Number: 787082-7

5 of 6 EU RoHS/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 **Right Angle**

Active

[PRODUCT DRAWING](#)
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Product Drawings

[RECEPTACLE ASSEMBLY, SHIELDED, RIGHT ANGLE, .050 SERIES, AMPLIMITE](#)

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CAD Files

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[Customer View Model](#)

3D_IGS.ZIP
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Product Specifications

Product Specification

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

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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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Product Environmental Compliance

TE Material Declaration

[MD_787082-7_05282015735_dmtec](#)

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Product Type Features	Connector Style	Receptacle
	PCB Mounting Orientation	Right Angle
	Shell Type	Full Metal Shell
	Applies To	Printed Circuit Board
	Connector Type	Connector Assembly
	Product Type	Connector
	Shielded	Yes
Configuration Features	Number of Positions	68
	Number of Rows	2
Body Features	Bracket Plating Material	Nickel over Copper
	Bracket Material	Zinc
	Shell Plating Material	Nickel over Copper
	Shell Material	Carbon Steel
	Post Size (in)	.034
	Post Plating Material	Tin-Lead over Nickel
	Shell Plating Finish	Bright
Contact Features	Solder Tail Contact Plating Material	Tin-Lead over Nickel
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness (µin)	30
	Contact Mating Area Plating Material	Gold Flash over Palladium Nickel, Gold
Termination Features	Termination Post Length	2.54 mm [.1 in]
	Termination Method to PC Board	Through Hole - Solder
Mechanical Attachment	PCB Mounting Style	Through Hole Press-Fit
	PCB Mount Retention	With
	PCB Mount Retention Type	Boardlocks
	Mating Connector Lock	With
	Mating Connector Lock Type	Clinch Nut, 5-56 UNC
	Mating Retention Type	Latch
	Boardlock Material	Copper Alloy
	Mating Retention	With

PCB Mount Alignment	Without
Boardlock Plating Material	Tin-Lead over Nickel
Mounting Hole Diameter (in)	.109
Mating Alignment	Without

Housing Features	Centerline	1.27 mm [.05 in]
	Housing Color	Black
	Housing Material	Thermoplastic

Dimensions	PCB Thickness (Recommended)	1.57 mm [.062 in]
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Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	UL E28476

Packaging Features	Packaging Method	Tube
	Packaging Quantity	8

Product Compliance [Statement of Compliance](#)
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