



PCB D-SUB CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

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

5749070-5
TE Internal Number: 5749070-5

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 **Vertical**

Product Drawings

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

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

Catalog Pages/Data Sheets

[AMPLIMITE Subminiature D Connectors - .050 Series Connector](#)

PDF
English

Product Specifications

Product Specification

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

PDF
English

Application Specification

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

PDF
English

Qualification Test Report

[.050 Series Shielded AMPLIMITE Connector](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_5749070-5_08082013519_dmtec](#)

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	Vertical
	Shell Type	Full Metal Shell
	Applies To	Printed Circuit Board
	Connector Type	Connector Assembly
	Product Type	Connector
	Shielded	Yes

Configuration Features	Number of Positions	50
	Number of Rows	4

Body Features	Bracket Plating Material	Nickel over Copper
	Bracket Material	Zinc
	Shell Plating Material	Tin over Copper
	Shell Material	Carbon Steel
	Post Plating Material	Tin

Contact Features	Solder Tail Contact Plating Material	Tin
	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	3.18 mm [.125 in]
	Termination Method to PC Board	Through Hole - Solder

Mechanical Attachment	PCB Mount Retention	With
	PCB Mount Retention Type	Mounting Holes
	Mating Retention Type	Threaded Hole
	Mating Retention	With
	PCB Mount Alignment	Without
	Mounting Hole Diameter	3.18 mm [.125 in]
	Mating Alignment	Without

Housing Features	Centerline	1.27 mm [.05 in]
	Housing Color	Black
	Housing Material	Thermoplastic
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Tube
	Packaging Quantity	10
Other	Comment	Female screwlocks must be used to mate with cable assemblies with male jackscrew hardware.

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

CRIMP QUICK DISCONNECTS	PRO-CRIMPER & DIES	PCB D-SUB CONNECTORS	RECTANGULAR POWER CONNECTORS
250 FLG FAST REC 12-10 TPBR 60851-1	PRO-CRMPR II DIE 58522-2	100 50SR VRT RCPT, FL TP, ACT PN 5786555-9	HSG ASSY, PWR LK, SRS 1, 4 POS 54483-4
Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products

Products - 8 Results

[View All](#)

[Compare 0/10](#)

Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS			<input checked="" type="checkbox"/>
	Connectors - IDC D-Sub Connectors AMPLIMITE I 0.50 Connector System 50 50SR CABLE CONN	Always EU RoHS/ELV Compliant	
		Connector Style Plug	



KIT - 1-5/50913-5
TE INTERNAL NUMBER: 1-5750913-5

✓ Active

Shielded **Yes**

Centerline **1.27 mm**

Number of Positions **50**

Number of Rows **2**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - IDC D-Sub Connectors
AMPLIMITE I 0.50 Connector System

**50 50SR CABLE RCPT
ASSY - 5749210-5**

TE INTERNAL NUMBER: 5749210-5

✓ Active

[Always EU RoHS/ELV Compliant](#)

Connector Style **Receptacle**

Shielded **Yes**

Centerline **1.27 mm**

Number of Positions **50**

Number of Rows **2**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - IDC D-Sub Connectors
AMPLIMITE I 0.50 Connector System

**50 50S CABLE PLUG
CONN/COV KIT
- 5749621-5**

TE INTERNAL NUMBER: 5749621-5

✓ Active

[Always EU RoHS/ELV Compliant](#)

Connector Style **Plug**

Shielded **Yes**

Centerline **1.27 mm**

Number of Positions **50**

Number of Rows **2**

