

PCB D-SUB CONNECTORS





✓ Active



PRODUCT DRAWING



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

Application Specification AN

AMPLIMITE .050 Series Cable End Insulation Displacement Connector (IDC) And

Printed Circuit (PC) Board Connector

PDF **English**

Englisl

Qualification Test Report .050 Series Shielded AMPLIMITE Connector

PDF **English**

Product Environmental Compliance

TE Material Declaration MD_5749070-5_08082013519_dmtec

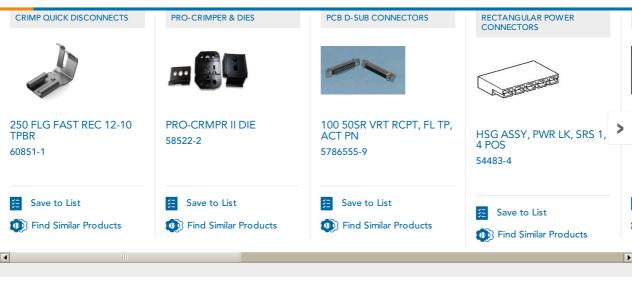
PDF **English** Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Connector Style	Receptacle
Troduct type realares		Vertical
	PCB Mounting Orientation	
	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**UL 94V-0** Industry Standards **UL Flammability Rating Packaging Features** Packaging Method Tube 10 Packaging Quantity Other Comment Female screwlocks must be used to mate with cable assemblies with male jackscrew hardware. Product Compliance Statement of Compliance

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT







Connectors - IDC D-Sub Connectors
AMPLIMITE | 0.50 Connector System
50 50SR CABLE CONN

Always EU RoHS/ELV Compliant

Connector Style **Plug**





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 | 0.50 Connector System

50 50SR CABLE RCPT ASSY - 5749210-5
TE INTERNAL NUMBER: 5749210-5

. A Anti-in



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

