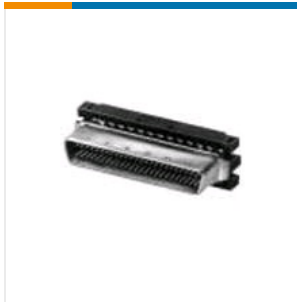




IDC D-SUB CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

50 50SR CABLE PLUG ASSY

AMPLIMITE | 0.50 Connector System

5749111-4

TE Internal Number: 5749111-4

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Shielded **Yes**

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

Number of Positions **50**

Number of Rows **2**

Product Drawings

[PLUG ASSEMBLY, 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

Instruction Sheets

Customer Manual (U.S.)

[CHAMPOMATOR 2.5 Terminating Machine Control Module 852423-\[\]](#)

PDF
English

Instruction Sheet (U.S.)

[Manual Arbor Frame Assembly 58024-1](#)

PDF

Installation And Use Of Mass Termination Tooling

PDF
English

Tooling Kit 768900-1

PDF
English

Cover Closing Kits 543508-1 And 543526-1 And Staple Inserter Kit 543515-1 For AMPLIMITE .050 Series Connector Assembly

PDF
English

Repair Tool 58430-1 For AMPLIMITE .050 Series Connectors

PDF
English

AMPLIMITE .050 Series Connectors (Round-To-Flat Cable)

PDF
English

Cover Lacing Fixture 91293-1 For AMPLIMITE .050 Series Connectors And AMPMODU 50/50 Grid Connectors

PDF
English

Manual Miniature Applicator Frame Assembly 91295-1

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	Plug
	Shielded	Yes
	Wire/Cable Type	Round Jacketed Cable
	Applies To	Cable
	Product Type	Connector
	Detent	Without
	Rails	With
Configuration Features	Number of Positions	50
	Number of Rows	2
	Preloaded	Yes
Body Features	Plug Shell Material	Steel
	Ribbon Cable Centerline Spacing (in)	.025
	Plug Shell Plating Material	Tin-Nickel Alloy
	Shell Material	Steel
	Shell Plating Material	Tin over Copper
	Cover Material	Thermoplastic
	Color	Black













Contact Features	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness (µin)	30
	Contact Type	Pin
	Contact Mating Area Plating Material	Gold Flash over Palladium Nickel, Gold
	Solder Tail Contact Plating Material	Tin over Nickel
Termination Features	Termination Method to Wire/Cable	Insulation Displacement Crimp (IDC)
	Termination Cover Type	Standard
	Termination Cover	With
	Termination Cover Method	Assembled
Mechanical Attachment	PCB Mount Retention Type	None
	Mating Connector Lock	Without
	Panel Mount Retention	Without
	Mounting Angle	None
Housing Features	Centerline	1.27 mm [.05 in]
	Housing Material	Thermoplastic
	Housing Color	Black
Dimensions	Wire Range	.05 – .09 mm² [30 – 28 AWG]
	Insulation Diameter (Max) (mm)	.91
	Wire Insulation Diameter	.74 – .91 mm [.029 – .036 in]
Industry Standards	UL Flammability Rating	UL 94V-0
	Cover Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Tube
	Packaging Quantity	13
Other	Comment	Plug connector requires backshell kit for complete assembly

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

D-SUB BACKSHELLS & CLAMPS	IDC D-SUB CONNECTORS	IDC D-SUB CONNECTORS	D-SUB BACKSHELLS & CLAMPS
			
50 50SR KIT, ST, UK 5749193-2	50 POS A/P PLUG 25 CL 30AU 5390377-5	68 50S CABLE PLUG CONN/COV KIT 5749621-7	68 50SR BKSHELL KIT W/BOOT 5750752-1
 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 - 23 Results

View All

Compare 0/10

Relation Type


RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS



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

50 50SR VERT RCPT ASSY
- 5749721-5

TE INTERNAL NUMBER: 5749721-5

Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **1.27 mm**

Number of Positions **50**

Number of Rows **4**

PCB Mounting Orientation
Vertical

✓


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 PANEL MOUNT RCPT S/A, ROHS
- 6-786862-5

TE INTERNAL NUMBER: 6-786862-5

Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**


Shielded **No**

Centerline **1.27 mm**

Number of Positions **50**

Number of Rows **2**

✓

PRODUCT - MATING PRODUCTS		
<div><div></div><div><div>Connectors - IDC D-Sub Connectors</div><div>AMPLIMITE 0.50 Connector System</div><div>50 50SR PANEL MOUNT RCPT, ROHS - 5-749877-5</div><div>TE INTERNAL NUMBER: 5-749877-5</div><div>✓ Active</div></div></div> <div><div>Always EU RoHS/ELV Compliant</div><div>Connector Style Receptacle</div><div>Shielded No</div><div>Centerline 1.27 mm</div><div>Number of Positions 50</div><div>Number of Rows 2</div></div> <div><div>✓</div></div>		