



IDC D-SUB CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

50 50SR PANEL MOUNT RCPT

AMPLIMITE | 0.50 Connector System

749877-5

TE Internal Number: 749877-5

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Connector Style **Receptacle**

Shielded **No**

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

Number of Positions **50**

Number of Rows **2**

Product Drawings

[RECEPTACLE CABLE ASSEMBLY, FLAT TOP, PANEL MOUNT, AMPLIMITE .050 Series](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

Product Specifications

Application Specification

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

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

Shielded

No

Wire/Cable Type

Flat Ribbon Cable, Round Jacketed Cable

Applies To

Cable

	Product Type	Connector
	Detent	Without
	Thread Size	4-40 UNC
	Rails	Without
Configuration Features	Number of Positions	50
	Number of Rows	2
	Preloaded	Yes
Body Features	Ribbon Cable Centerline Spacing	.64 mm [.025 in]
	Bracket Material	Zinc
	Shell Material	Steel
	Shell Plating Material	Nickel over Copper
	Cover Material	Thermoplastic
	Color	Black
	Bracket Plating Material	Nickel over Copper
Contact Features	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness (µin)	30
	Contact Mating Area Plating Material	Gold Flash over Palladium Nickel, Gold
	Solder Tail Contact Plating Material	Tin-Lead 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	With
	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	10
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	