



+ CONNECTORS

IDC D-SUB CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
50 50SR PNL MNT PLUG ASSY, ROHS

AMPLIMITE | 0.50 Connector System

5-749879-5
TE Internal Number: 5-749879-5

EU RoHS Compliant
EU ELV Compliant

Connector Style Plug
Solid Wire Range (AWG) 30 – 28
Shielded No
Number of Positions 50
Centerline (Pitch) 1.27 mm [.05 in]

↓ PRODUCT DRAWING
English

↓ 3D PDF

DOCUMENTATION

Product Drawings

PLUG CABLE ASSEMBLY, FLAT TOP, PANEL MOUNT, AMPLIMITE .050 Series

PDF
English

CAD Files

3D PDF
PDF
English

Customer View Model

2D_DXF.ZIP
English

Customer View Model

3D_STP.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Product Specifications

Application Specification

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

PDF

English

FEATURES



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 No
- Wire/Cable Type Ribbon Cable, Round Jacketed Cable
- Connector & Contact Terminates To Wire & Cable
- Product Type Connector
- Rails Without

Configuration Features

- Number of Positions 50
- Number of Rows 2
- Preloaded Yes

Body Features

- Ribbon Cable Centerline Spacing 1.27 mm [.025 in]
- Cover Material Thermoplastic
- Bracket Plating Material Nickel over Copper
- Color Black
- Bracket Material Zinc

Contact Features

- Solder Tail Contact Plating Material Tin over Nickel
- Contact Base Material Phosphor Bronze
- Contact Mating Area Plating Material Gold Flash over Palladium Nickel, Gold

Termination Features

Termination Cover Type Standard
Termination Cover With
Termination Cover Method Assembled
Termination Method to Wire/Cable Insulation Displacement Crimp (IDC)

Mechanical Attachment

Detent Without
Panel Mount Retention With
Mating Connector Lock Without
Mounting Angle None
PCB Mount Retention Type None

Housing Features

Centerline (Pitch) 1.27 mm [.05 in]
Housing Color Black
Housing Material Thermoplastic

Dimensions

Solid Wire Range (AWG) 30 – 28
Wire Range (mm²) .05, .08 – .09
Wire Range (AWG) 28, 30
Wire Insulation Diameter .74 – .91 mm [.029 – .036 in]
Insulation Diameter (Max) (mm) .91

Industry Standards

Cover Flammability Rating UL 94V-0
UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Tube
Packaging Quantity 10

Other

Comment Flat ribbon cable must be approved by TE.

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance
PDF