



CONNECTORS

IDC D-SUB CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

50 50SR CABLE PLUG SUB-ASSY

AMPLIMITE | 0.50 Connector System

5749110-1

TE Internal Number: 5749110-1

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 SUBASSEMBLY, 1.27[.050] SERIES, AMPLIMITE

PDF

English

CAD Files

3D PDF

PDF

3D

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

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 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

Plug Shell Material Steel

Plug Shell Plating Material Tin-Nickel Alloy

Ribbon Cable Centerline Spacing (in) .025

Color Black

Contact Features

Solder Tail Contact Plating Material Tin over Nickel

Contact Mating Area Plating Thickness (μin) 30

Contact Base Material Phosphor Bronze

Contact Mating Area Plating Material Gold Flash over Palladium Nickel, Gold

Termination Features

Termination Cover With

Termination Cover Method Assembled

Termination Method to Wire/Cable Insulation Displacement Crimp (IDC)

Termination Cover Type Standard

Mechanical Attachment

Detent Without

Panel Mount Feature Without

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 Nylon, Polyester

Dimensions

Solid Wire Range (AWG) 30 – 28

Wire Range .05 – .09 mm² [30 – 28 AWG]

Wire Insulation Diameter .74 – .91 mm [.029 – .036 in]

Insulation Diameter (Max) (mm) .91

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Quantity 13

Packaging Method Tube

PRODUCT COMPLIANCE



Statement of Compliance

[Statement of Compliance](#)

PDF