



+ CONNECTORS

PCB D-SUB CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

50 50SR R/A PLUG ASSY L/F

AMPLIMITE | 0.50 Connector System

5749084-5

TE Internal Number: 5749084-5

EU RoHS Compliant

EU ELV Compliant

Connector Style Plug

Number of Positions 50

Centerline (Pitch) 1.27 mm [.05 in]

Number of Rows 4

PCB Mounting Orientation Right Angle

[↓](#) **PRODUCT DRAWING**
English

[↓](#) **3D PDF**

DOCUMENTATION

Product Drawings

PLUG ASSEMBLY, SHIELDED, RIGHT ANGLE, AMPLIMITE .050 Series

PDF (TIFF AVAILABLE)

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

Product Specifications

Application Specification

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

PDF

English

Product Specification

Connector, AMPLIMITE, Shielded, .050 Series

PDF

English

Qualification Test Report

.050 Series Shielded AMPLIMITE 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

Shell Type Full Metal Shell

Connector Style Plug

PCB Mounting Orientation Right Angle

Connector & Contact Terminates To Printed Circuit Board

Product Type Connector

Connector Type Connector Assembly

Grounding Straps Without

Grounded No

Grounding Indents Without

Shielded No

Configuration Features

Number of Positions 50

Number of Rows 4

Body Features

Shell Material Steel

Post Plating Material Tin over Nickel

Shell Plating Material Tin over Copper

Bracket Plating Material Nickel over Copper

Bracket Material Zinc

Contact Features

Solder Tail Contact Plating Material Tin over Nickel

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

Contact Mating Area Plating Thickness (µin) 30

Contact Base Material Phosphor Bronze

Termination Features

Termination Method to PC Board Through Hole - Solder

Grounding Clips Without

Termination Post Length 3.18 mm [.125 in]

Mechanical Attachment

Panel Mount Retention Without

PCB Mount Alignment Without

PCB Mounting Style Through Hole

PCB Mount Retention Without

Mounting Hole Diameter 2.77 mm [.109 in]

Mating Alignment Without

Mating Retention With

Housing Features

Centerline (Pitch) 1.27 mm [.05 in]

Housing Color Black

Housing Material Polyester LCP

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Quantity 10

Packaging Method Tube

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
