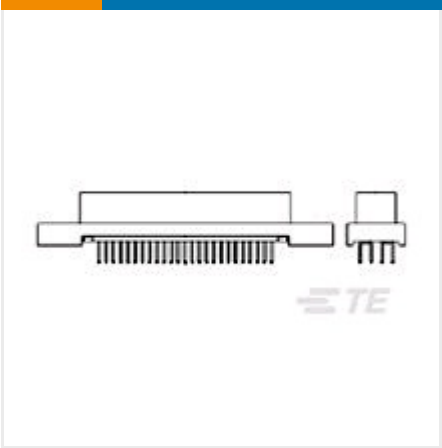




+ CONNECTORS

PCB D-SUB CONNECTORS



✓ Active

TE CONNECTIVITY (TE)  
100 50SR VRT PLUG ASSY

AMPLIMITE | 0.50 Connector System

5749085-9  
TE Internal Number: 5749085-9

EU RoHS Compliant  
EU ELV Compliant

Connector Style Plug  
Number of Positions 100  
Centerline (Pitch) 1.27 mm [ .05 in ]  
Number of Rows 4  
PCB Mounting Orientation Vertical

↓ PRODUCT DRAWING  
English

↓ 3D PDF

DOCUMENTATION

Product Drawings  
**PLUG ASSEMBLY, SHIELDED, VERTICAL, AMPLIMITE .050 Series**  
PDF  
English

CAD Files  
**Customer View Model**  
2D\_DXF.ZIP  
English

**Customer View Model**  
3D\_IGS.ZIP  
English

Customer View Model

3D\_STP.ZIP

English

3D PDF

PDF

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

Product Environmental Compliance

TE Material Declaration

MD\_5749085-9\_0412201652\_dmtec

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 Vertical
- Connector & Contact Terminates To Printed Circuit Board
- Product Type Connector
- Connector Type Connector Assembly
- Grounding Straps Without
- Grounded No
- Grounding Indents Without
- Shielded Yes

Configuration Features

- Number of Positions 100
- Number of Rows 4

Body Features

- Shell Material Steel
- Post Plating Material Tin
- 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 With
- PCB Mount Retention Type Mounting Holes
- Mounting Hole Diameter 3.18 mm [.125 in]
- Mating Alignment Without
- Mating Retention With

Housing Features

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

Industry Standards

- UL Flammability Rating UL 94V-0

Packaging Features

- Packaging Quantity 6
- Packaging Method Tube

PRODUCT COMPLIANCE



Statement of Compliance

- Statement of Compliance
- PDF

