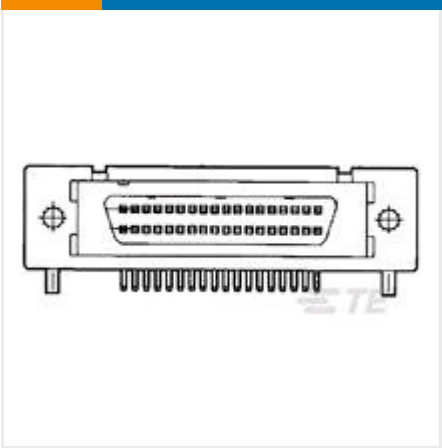




+ CONNECTORS

PCB D-SUB CONNECTORS



✓ Active

TE CONNECTIVITY (TE)  
S-AMPLIMITE 050 CAP HDR 96P

AMPLIMITE | 0.50 Connector System

5174341-6  
TE Internal Number: 5174341-6

EU RoHS Compliant  
EU ELV Compliant

Connector Style Plug  
Number of Positions 96  
Centerline (Pitch) 1.27 mm [ .05 in ]  
Number of Rows 4  
PCB Mounting Orientation Horizontal

↓ PRODUCT DRAWING  
English

↓ 3D PDF

DOCUMENTATION

Product Drawings

POST HEADER (HORIZONTAL, WITH R/L) AMPLIMITE .050 SERIES II CONN. TYPE B

PDF (TIFF AVAILABLE)

English

CAD Files

3D PDF

PDF

English

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

- Shell Type Full Metal Shell
- Connector Style Plug
- PCB Mounting Orientation Horizontal
- Connector & Contact Terminates To Printed Circuit Board
- Post Plate Material Thermoplastic
- Product Type Connector
- Connector Type Connector Assembly
- Grounding Straps Without
- Grounded No
- Grounding Indents Without
- Shielded Yes

Configuration Features

- Number of Positions 96
- Number of Rows 4

Body Features

- Shield Plating Material Nickel over Copper
- Shell Material Zinc
- Shield Material Zinc
- Retention Leg Plating Material Brass
- Post Plating Material Tin over Nickel
- Shell Plating Material Nickel over Copper
- Retention Leg Material Nickel

Contact Features

- Contact Mating Area Plating Material Gold Flash
- Contact Base Material Phosphor Bronze

Termination Features

- Termination Method to PC Board Through Hole - Solder
- Grounding Clips Without
- Termination Post Length 2.9 mm [.114 in]

Mechanical Attachment

**Panel Mount Feature** Without  
**PCB Mount Alignment** Without  
**PCB Mounting Style** Through Hole  
**PCB Mount Retention** With  
**PCB Mount Retention Type** Boardlocks  
**Mating Alignment** Without  
**Mating Retention Type** Latch  
**Mating Retention** With

Housing Features

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

Industry Standards

**Post Plate Flammability Rating** UL 94V-0  
**UL Flammability Rating** UL 94V-0

PRODUCT COMPLIANCE

+

Statement of Compliance

**Statement of Compliance**  
PDF