



CONNECTORS

PCB D-SUB CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

AMPLIMITE.050 PLUG ASS'Y (H) 30P PB-FREE

AMPLIMITE | 0.50 Connector System

5174217-1

TE Internal Number: 5174217-1

EU RoHS Compliant

EU ELV Compliant

Connector Style Plug

Number of Positions 30

Centerline (Pitch) 1.27 mm [.05 in]

Number of Rows 2

PCB Mounting Orientation Right Angle

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

PLUG ASSY (HORIZONTAL / W/LEG) AMPLIMITE .050 SERIES I B-TO-B CONN.

PDF

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

Product Specifications

Product Specification

AMPLIMITE*.050 SERIES I BTB 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 All Plastic

Connector Style Plug

PCB Mounting Orientation Right Angle

Connector & Contact Terminates To Printed Circuit Board

Product Type Connector

Connector Type Connector Assembly

Shielded No

Configuration Features

Number of Positions 30

Number of Rows 2

Body Features

Post Plating Material Tin over Nickel

Contact Features

Solder Tail Contact Plating Material Tin

Contact Mating Area Plating Thickness (µin) 30

Contact Base Material Phosphor Bronze

Contact Mating Area Plating Material Gold

Termination Features

Termination Method to PC Board Through Hole - Solder

Termination Post Length 3.1 mm [.122 in]

Mechanical Attachment

PCB Mount Alignment Without
PCB Mounting Style Through Hole
PCB Mount Retention With
PCB Mount Retention Type Retention Legs
Mounting Hole Diameter (mm) 2.6
Mating Alignment Without
Mating Retention Without

Housing Features

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

Dimensions

PCB Thickness (Recommended) (mm) .8 – 1.6

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Quantity 128
Packaging Method Tray

Other

Comment Connectors are secured by soldering to contact posts. For connector with retention legs, connector is temporarily secured onto pc board prior to soldering.

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
