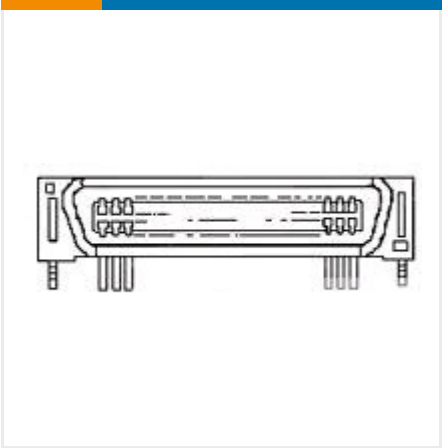




+ CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
PLUG ASS'Y(H) 100P 1.27FHBB
CHAMP | .050 CHAMP Series I

5176381-4
TE Internal Number: 5176381-4

EU RoHS Compliant
EU ELV Compliant

Connector Style Plug
Number of Positions 100
Centerline (Pitch) 1.27 mm [.05 in]
Packaging Method Tray
Contact Mating Area Plating Material Gold

↓ PRODUCT DRAWING
English

↓ 3D PDF

DOCUMENTATION

Product Drawings

AMP FH CONNECTOR PLUG WITH RETENTION-LEG (HORIZONTAL)
PDF
English

CAD Files

Customer View Model
2D_DXF.ZIP
English

3D PDF
PDF
3D

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Specifications

Product Specification

AMP CONNECTOR ,FH CONNECTOR LEAD FREE PRODUCT SPEC

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

- Connector Style Plug
- Connector & Contact Terminates To Printed Circuit Board
- Sealed Bottom Without
- Series FH (Free Height), Free Height (FH)
- PCB Mounting Orientation Right Angle
- Boss With
- Product Type Connector

Configuration Features

- Stackable No
- Number of Positions 100
- Number of Rows 1

Electrical Characteristics

- Voltage (VAC) 250

Body Features

- Retention Leg Plating Material Tin
- Color Black
- Retention Leg Material Brass

Contact Features

Solder Tail Contact Plating Material Tin

Contact Shape Square

Contact Mating Area Plating Material Gold

Contact Mating Area Plating Thickness .3 μm [11.9 μin]

Contact Current Rating (Max) (A) 1

Solder Tail Contact Plating Thickness 1 μm [39.4 μin]

Contact Layout Inline

Contact Base Material Phosphor Bronze

Contact Type Pin

Termination Features

Termination Method to PC Board Through Hole

Termination Post Length 3.1 mm [.122 in]

Mechanical Attachment

PCB Mount Retention With

PCB Mount Retention Type Boardlocks

PCB Mount Alignment Without

PCB Mount Alignment Type Post Polarization

Housing Features

Centerline (Pitch) 1.27 mm [.05 in]

Housing Material Nylon - GF

Housing Color Black

Dimensions

Mating Post Length 3.64 mm [.143 in]

Height 16.2 mm [.637 in]

Tail Length 3.1 mm [.123 in]

Usage Conditions

Operating Temperature Range -55 – 85 °C [-67 – 185 °F]

Housing Material Temperature Standard

Operation/Application

Pick and Place Cover Without

For Use With Interconnections Requiring Variable Stacking Heights

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Tray

Packaging Quantity 60

PRODUCT COMPLIANCE

+

Statement of Compliance

