



+ CONNECTORS

PCB D-SUB CONNECTORS



✓ Active

TE CONNECTIVITY (TE)  
CHAMP.050 REC ASS'Y 26P PB-FRE

CHAMP | .050 CHAMP Series II

2-5178238-4  
TE Internal Number: 2-5178238-4

EU RoHS Compliant  
EU ELV Compliant

Connector Style Receptacle  
Number of Positions 26  
Centerline (Pitch) 1.27 mm [ .05 in ]  
Number of Rows 2  
Row-to-Row Spacing .05

↓ PRODUCT DRAWING  
English

↓ 3D PDF

DOCUMENTATION

Product Drawings

RECEPTACLE HDR ASSY (3.1mm) RETENTION LEG TYPE STANDARD CHAMP.050 SERIES (II)

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

CHAMP.050 Series(II) Connector Wire To Board Type

TIF

English

CHAMP.050 Series(II) Connector Wire To Board Type

PDF

English

Product Environmental Compliance

TE Material Declaration

MD\_2-5178238-4\_01052012149

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

Frame Material Die Cast Zinc

Shell Type Full Metal Shell

Connector Style Receptacle

Row-to-Row Spacing .05

Profile Standard

PCB Mounting Orientation Vertical

Connector & Contact Terminates To Printed Circuit Board

Product Type Connector

Connector Type Header

Configuration Features

Number of Positions 26

Number of Rows 2

Preloaded Yes

Body Features

**Shield Plating Material** Nickel over Copper  
**Shell Material** Steel  
**Shield Material** Steel  
**Frame Plating Material** Nickel  
**Shell Plating Material** Nickel  
**Color** Black  
**Post Size (mm)** .4

Contact Features

**Solder Tail Contact Plating Material** Tin  
**Contact Mating Area Plating Material** Gold  
**Contact Mating Area Plating Thickness (µin)** 30  
**Contact Base Material** Copper Alloy

Termination Features

**Termination Post Length** 3.1 mm [ .122 in ]

Mechanical Attachment

**Panel Mount Retention** With  
**PCB Mounting Style** Through Hole  
**PCB Mount Retention** With  
**PCB Mount Retention Type** Retention Legs  
**Mating Connector Lock** With  
**Mating Connector Lock Type** Bail Lock  
**Mating Retention Type** Latch  
**Boardlock Material** Copper Alloy  
**Mounting Hole Diameter (mm)** 2.7  
**Mounting Angle** Right Angle  
**Boardlock Plating Material** Tin over Nickel  
**Mating Retention** With

Housing Features

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

Dimensions

**PCB Thickness (Recommended)** 1.57 – 2.36 mm [ .062 – .093 in ]  
**Panel Thickness** 2.01 mm [ .079 in ]

Usage Conditions

**Housing Material Temperature** Standard

Industry Standards

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

Packaging Features

**Packaging Quantity** 120  
**Packaging Method** Tray

Other

**Comment** Alternate tail lengths 3.90 [.153] and 2.20 [.087] available

**PRODUCT COMPLIANCE**



Statement of Compliance

**Statement of Compliance**

PDF

