+ CONNECTORS

PCB D-SUB CONNECTORS

✔ Active

TE CONNECTIVITY (TE)

CHAMP 050 FMS REC HDR ASSY 50P

CHAMP | .050 CHAMP Series II

5917738-7
TE Internal Number: 5917738-7

EU RoHS Compliant
EU ELV Compliant

Connector Style Receptacle

Number of Positions 50

Centerline (Pitch) 1.27 mm [.05 in]

Number of Rows 4

Row-to-Row Spacing .05

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

DOCUMENTATION —

Product Drawings

CHAMP.050 SERIES (II) FMS-TYPE
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 Environmental Compliance

TE Material Declaration

MD_5917738-7_07012013828_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 Front Metal Shell
Connector Style Receptacle
Row-to-Row Spacing .05
Profile Standard
PCB Mounting Orientation Right Angle
Connector & Contact Terminates To Printed Circuit Board
Product Type Connector
Connector Type Header

Configuration Features

Number of Positions 50
Number of Rows 4
Preloaded Yes

Body Features

Front Shell Material Steel
Front Shell Plating Material Nickel over Copper
Shell Plating Material Nickel over Copper
Shell Material Steel
Color Black
Tine Plate Material PBT
Post Size (mm) .32

Contact Features

Solder Tail Contact Plating Material Tin
Contact Base Material Copper Alloy
Contact Mating Area Plating Material Gold

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 Boardlocks
Mating Connector Lock With
Mating Connector Lock Type Latches
Mounting Hole Diameter (mm) 2.7
Mounting Angle Right Angle

Housing Features

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

Dimensions

PCB Thickness (Recommended) (mm) 1.66

Usage Conditions

Housing Material Temperature Standard

Packaging Features

Packaging Quantity 80
Packaging Method Tray

PRODUCT COMPLIANCE   +

Statement of Compliance

Statement of Compliance
PDF