+ CONNECTORS

DOCKING CONNECTORS

✔ Active

TE CONNECTIVITY (TE)

200 50SR CMP LP VERT PLUG,DOCK

CHAMP | CHAMP Docking Connectors

5787887-1
TE Internal Number: 5787887-1

EU RoHS Compliant
EU ELV Compliant

Connector Style Plug

Number of Positions 200

Centerline (Pitch) 1.27 mm [.05 in]

Number of Rows 8

PCB Mount Retention Type Boardlocks

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

DOCUMENTATION —

Product Drawings

PLUG ASSEMBLY, 200 POSITION, VERTICAL, .050, CHAMP

PDF **(TIFF AVAILABLE)**

English

CAD Files

3D PDF

PDF

3D

Customer View Model

2D_DXF.ZIP

English

Customer View Model
3D_IGS.ZIP

English

Customer View Model
3D_STP.ZIP

English

Product Specifications

Application Specification

CHAMP .050 Series Low Profile Docking Connectors
TIF

English

CHAMP .050 Series Low Profile Docking Connectors
PDF

English

Product Specification

Connector, CHAMP .050 Low Profile Docking
PDF

English

Qualification Test Report

Connector, CHAMP .050 Low Profile Docking
TIF

English

Connector, CHAMP .050 Low Profile Docking
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
PCB Mounting Orientation Vertical
Connector & Contact Terminates To Printed Circuit Board
Center Ground Plate With
Product Type Connector
Profile Low
Connector Type Connector Assembly

Configuration Features

Number of Positions 200
Number of Rows 8

Body Features

Guide Socket/Pin Plating Material Nickel over Copper
Shell Material Steel
Guide Socket/Pin Material Brass
Shell Plating Material Nickel over Copper
Ground Plate Material Stainless Steel

Contact Features

Solder Tail Contact Plating Material Tin over Nickel
Contact Base Material Copper Alloy
Contact Mating Area Plating Thickness (μin) 30
Contact Type Plug
Contact Mating Area Plating Material Gold

Termination Features

Termination Post Length 2.49 mm [.01 in]

Mechanical Attachment

Panel Mount Feature With
PCB Mount Alignment Without
PCB Mount Retention Type Boardlocks
PCB Mounting Style Through Hole
PCB Mount Retention With
Locking Screw Without
Boardlock Material Brass
Bail Lock With
Boardlock Plating Material Tin over Nickel

Housing Features

Centerline (Pitch) 1.27 mm [.05 in]
Housing Material Polyester
Housing Color Natural

Dimensions

Panel Thickness .55 – 1.2 mm [.022 – .047 in]

Usage Conditions

Housing Temperature Rating Standard

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Quantity 24
Packaging Method Box

PRODUCT COMPLIANCE   +

Statement of Compliance

Statement of Compliance

PDF