



+ CONNECTORS

DOCKING CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
200 50SR CMP LP VERT PLUG,DOCK
[CHAMP](#) | [CHAMP Docking Connectors](#)

5787886-1
TE Internal Number: 5787886-1

[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

Customer View Model
2D_DXF.ZIP
English

Customer View Model
3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP

English

3D PDF

PDF

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
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 3.7 mm [.146 in]

Mechanical Attachment

Panel Mount Retention 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

