



+ CONNECTORS

DOCKING CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

## 200 50SR CMP LP R/A RCPT DOCK

CHAMP | CHAMP Docking Connectors

5787851-1

TE Internal Number: 5787851-1

[EU RoHS Compliant with Exemptions](#)

[EU ELV Compliant with Exemptions](#)

**Connector Style** Receptacle

**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

#### **RECEPTACLE ASSEMBLY, 200 POSITION, RIGHT ANGLE, .050, CHAMP**

PDF (TIFF AVAILABLE)

English

CAD Files

#### **Customer View Model**

3D\_IGS.ZIP

English

#### **Customer View Model**

2D\_DXF.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

---

Product Environmental Compliance

TE Material Declaration

## MD\_5787851-1\_121920132323\_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

**Connector Style** Receptacle

**PCB Mounting Orientation** Right Angle

**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** Carbon Steel

**Guide Socket/Pin Material** Brass

**Shell Plating Material** Nickel over Copper

**Retention Leg Material** Brass

**Ground Plate Material** Stainless Steel

**Retention Leg Plating Material** Tin over Nickel

---

## Contact Features

**Solder Tail Contact Plating Material** Tin over Nickel

**Contact Base Material** Copper Alloy

**Contact Mating Area Plating Thickness (µin)** 30

**Contact Type** Socket

**Contact Mating Area Plating Material** Gold

---

## Termination Features

**Termination Post Length** 2.49 mm [ .01 in ]

---

## Mechanical Attachment

**PCB Mount Alignment** Without

**PCB Mount Retention Type** Boardlocks

**PCB Mounting Style** Through Hole

**PCB Mount Retention** With

**Locking Screw** Without

---

## Housing Features

**Centerline (Pitch)** 1.27 mm [ .05 in ]

**Housing Material** Polyester

**Housing Color** Natural

---

## Usage Conditions

**Housing Temperature Rating** Standard

---

## Industry Standards

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

---

## Packaging Features

**Packaging Quantity** 24

**Packaging Method** Tray

---

## PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**

PDF

---