



+ CONNECTORS

PCB D-SUB CONNECTORS



✓ Active

TE CONNECTIVITY (TE)  
RCPT ASSY,24 POS,V/M,SCR LK  
[CHAMP](#) | [PCB CHAMP Products](#)

5554501-1  
TE Internal Number: 5554501-1

- [EU RoHS Compliant](#)
- [EU ELV Compliant](#)
- Connector Style** Receptacle
- Number of Positions** 24
- Centerline (Pitch)** 2.16 mm [ .085 in ]
- Number of Rows** 2
- Row-to-Row Spacing** .085

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

**RECEPTACLE ASSEMBLY, 24 POSITION, VERTICAL MOUNTING, SHIELDED, SCREW LOCK, CHAMP-LOK**  
PDF [\(TIFF AVAILABLE\)](#)  
**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

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  
**Row-to-Row Spacing**   .085  
**Profile**   Standard  
**PCB Mounting Orientation**   Vertical  
**Connector & Contact Terminates To**   Printed Circuit Board  
**Orientation**   Standard  
**Product Type**   Connector  
**Boss on Shield**   With  
**Grounded**   No  
**Shielded**   Yes

Configuration Features

**Number of Positions**   24  
**Number of Rows**   2  
**Preloaded**   Yes

Body Features

**Shield Plating Material**   Nickel  
**Shield Material**   Die Cast Metal  
**Color**   Black

Contact Features

**Solder Tail Contact Plating Material**   Tin  
**Contact Mating Area Plating Thickness (µin)**   30  
**Contact Base Material**   Copper Alloy  
**Contact Mating Area Plating Material**   Gold or Gold Flash over Palladium Nickel, Gold

Termination Features

**Termination Post Length**   3.81 mm [ .15 in ]

Mechanical Attachment

**Panel Mount Retention** With  
**PCB Mounting Style** Through Hole  
**PCB Mount Retention** With  
**PCB Mount Retention Type** Mounting Holes  
**Mating Connector Lock** With  
**Mating Connector Lock Type** Screwlocks  
**Panel Attachment Style** Rear Mount  
**Screw Size** 11841

Housing Features

**Centerline (Pitch)** 2.16 mm [ .085 in ]  
**Housing Color** Black  
**Housing Material** Polyester

Packaging Features

**Packaging Quantity** 90  
**Packaging Method** Tray

PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**  
PDF