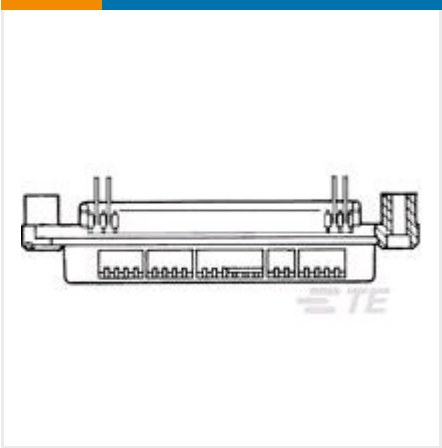




+ CONNECTORS

PCB D-SUB CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
ASSY, RCPT, 50 POS, VERT MTG
CHAMP | [PCB CHAMP Products](#)

5552118-1
TE Internal Number: 5552118-1
Alias ID: 2-30092-0090, AMP-0-5552118-1, CY0593-000

- EU RoHS Compliant
- EU ELV Compliant
- Connector Style Receptacle
- Number of Positions 50
- 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, 50 POSN, VERTICAL MTG, 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

Product Environmental Compliance

TE Material Declaration

MD_5552118-1_070620142210_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
- Row-to-Row Spacing .085
- Profile Standard
- PCB Mounting Orientation Vertical
- Connector & Contact Terminates To Printed Circuit Board
- Orientation Standard
- Product Type Connector
- PC Board Material Glass-Filled Polyester
- Grounded No
- Shielded No

Configuration Features

- Number of Positions 50
- Number of Rows 2
- Preloaded Yes

Body Features

- Plating Material Thermoplastic
- Color Black
- Bracket Material Thermoplastic

Contact Features

- Solder Tail Contact Plating Material Tin
- Contact Mating Area Plating Thickness (µin) 30
- Contact Base Material Phosphor Bronze
- Contact Mating Area Plating Material Gold or Gold Flash over Palladium Nickel, Gold

Termination Features

- Termination Post Length (in) .18

Mechanical Attachment

Panel Mount Retention Without

PCB Mounting Style Edge Mount

PCB Mount Retention Without

Mating Connector Lock With

Mating Connector Lock Type Bail Lock, Screwlocks

Housing Features

Centerline (Pitch) 2.16 mm [.085 in]

Housing Color Black

Housing Material Polyester

Dimensions

PCB Thickness (Recommended) (mm) 1.57, 2.36, 3.18

PCB Thickness (Recommended) (in) .062, .093, .125

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Quantity 60

Packaging Method Tray

Other

Comb Material Thermoplastic

PRODUCT COMPLIANCE

+

Statement of Compliance

Statement of Compliance

PDF