



**CONNECTORS**

**BOARD-TO-BOARD HEADERS & RECEPTACLES**



✓ Active

TE CONNECTIVITY (TE)

## Champ050 60p A/P RCPT 25CL PB

CHAMP | .050 CHAMP Series I

1734098-6

TE Internal Number: 1734098-6

EU RoHS Compliant

EU ELV Compliant

**Connector Style** Receptacle

**Connector System** Wire-to-Board

**Number of Positions** 60

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

**Packaging Method** Tube

[↓ PRODUCT DRAWING](#)  
English

[↓ 3D PDF](#)

### DOCUMENTATION

Product Drawings

#### **RECEPTACLE ASSEMBLY, RIBBON CABLE, .025 CHAMP .050, SERIES I**

PDF

**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

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Product Specifications

Application Specification

## CHAMP .050 Series I Connectors For 0.64 Mm (.025 In.) Ribbon Cable

PDF

English

Product Specification

## Connector, AMPLIMITE\* 2000, PCB Mounted, Nonremovable Contacts

PDF

English

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## FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

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### Product Type Features

**Connector Style** Receptacle

**Connector System** Wire-to-Board

**Connector & Contact Terminates To** Wire & Cable

**Series** Series I

**PCB Mounting Orientation** Vertical

**Boss** Without

**Product Type** Connector

**Sealed Bottom** Without

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### Configuration Features

**Stackable** No

**Number of Positions** 60

**Number of Rows** 2

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### Electrical Characteristics

**Dielectric Withstanding Voltage (VAC)** 500

**Voltage (VDC)** 12

**Insulation Resistance (MΩ)** 1000

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### Body Features

**Color** Black

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### Contact Features

**Solder Tail Contact Plating Material** Tin  
**Contact Mating Area Plating Material** Gold Flash  
**Solder Tail Contact Plating Thickness** 3.81  $\mu\text{m}$  [ 149.9997  $\mu\text{in}$  ]  
**Contact Base Material** Phosphor Bronze  
**Contact Type** Socket

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#### Termination Features

**Termination Method to PC Board** Surface Mount

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#### Mechanical Attachment

**PCB Mount Retention** Without  
**PCB Mount Alignment** With  
**PCB Mount Alignment Type** Post Polarization

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#### Housing Features

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

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#### Dimensions

**Height** 15.27 mm [ .6001 in ]  
**PCB Thickness (Recommended)** 1.42 – 1.72 mm [ .055 – .067 in ]

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#### Usage Conditions

**Operating Temperature Range** -35 – 85  $^{\circ}\text{C}$  [ -31 – 185  $^{\circ}\text{F}$  ]  
**Housing Material Temperature** High

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#### Operation/Application

**Assembly Process Feature** None  
**Pick and Place Cover** Without  
**For Use With** Plug Assembly

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#### Industry Standards

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

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#### Packaging Features

**Packaging Method** Tube  
**Packaging Quantity** 50

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## PRODUCT COMPLIANCE



#### Statement of Compliance

#### Statement of Compliance

PDF

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