



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

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

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

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

Configuration Features

Stackable No

Number of Positions 60

Number of Rows 2

Electrical Characteristics

Dielectric Withstanding Voltage (VAC) 500

Voltage (VDC) 12

Insulation Resistance (MΩ) 1000

Body Features

Color Black

Contact Features

Solder Tail Contact Plating Material Tin
Contact Mating Area Plating Material Gold Flash
Solder Tail Contact Plating Thickness 3.81 μm [149.9997 μin]
Contact Base Material Phosphor Bronze
Contact Type Socket

Termination Features

Termination Method to PC Board Surface Mount

Mechanical Attachment

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

Housing Features

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

Dimensions

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

Usage Conditions

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

Operation/Application

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

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Tube
Packaging Quantity 50

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
