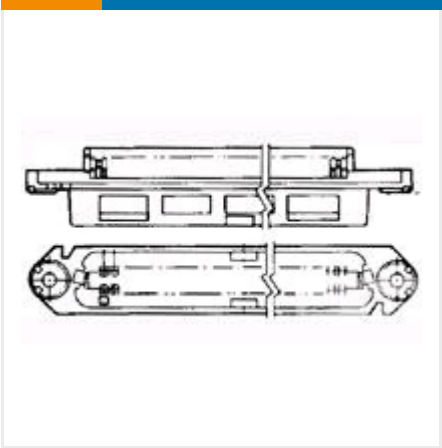




+ CONNECTORS

IDC D-SUB CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
ASSY,RCPT,50POS,B SLOT,GRY HSG
CHAMP | [Standard CHAMP Products](#)

229975-4
TE Internal Number: 229975-4

[EU RoHS Compliant](#)
[EU ELV Compliant](#)
Connector Style Receptacle

Solid Wire Range (AWG) 26 – 24
Solid Wire Range (mm²) .13 – .32
Stranded Wire Range (AWG) 24
Stranded Wire Range (mm²) .33

[↓](#) **PRODUCT DRAWING**
English

[↓](#) **3D PDF**

DOCUMENTATION

Product Drawings

RECEPTACLE ASSEMBLY, 50 POSITION, B-SLOT, WITH 4-40 HOLES, CHAMP-LOK
PDF
English

CAD Files

3D PDF
PDF
3D

Customer View Model
3D_IGS.ZIP
English

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Specifications

Application Specification

CHAMP Cable Connectors (Standard And Shielded)

PDF

English

Instruction Sheets

Instruction Sheet (U.S.)

CHAMP Cable-To-Cable And Cable-To-Panel Connectors

PDF

English

Agency Approvals

UL Report

CHAMP SYSTEM 5 DISTRIBUTION BOXES REPORT

PDF

English

CHAMP - IDC REPORT

PDF

English

CHAMP RIBBON CONNECTOR REPORT

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

Shielded No

Wire/Cable Type Discrete Wire, Round Jacketed Cable

Product Category Connectors

Product Type Connector

Slot Type Letter Code B

Thread Size 4-40 UNC 2B

Profile Standard

Connector Classification IDC

Configuration Features

Number of Positions 50
Number of Rows 2

Body Features

Color Gray

Contact Features

Contact Mating Area Plating Thickness .76 µm [30 µin]
Contact Base Material Copper Alloy
Contact Mating Area Plating Material Gold Flash over Palladium Nickel, Gold

Mechanical Attachment

Mating Connector Lock Type Bail Lock, Screwlocks
Panel Mount Retention Without
Mating Connector Lock With
Flange Thickness Thick

Housing Features

Centerline (Pitch) 2.16 mm [.085 in]
Housing Color Dot Designation Blue
Housing Material Thermoplastic

Dimensions

Solid Wire Range (AWG) 26 – 24
Solid Wire Range (mm²) .13 – .32
Stranded Wire Range (AWG) 24
Stranded Wire Range (mm²) .33
Wire Range (AWG) 24
Insulation Diameter (Max) 1.14 mm [.045 in]

Packaging Features

Packaging Quantity 100
Packaging Method Box & Tray, Package

PRODUCT COMPLIANCE

+

Statement of Compliance

Statement of Compliance
PDF