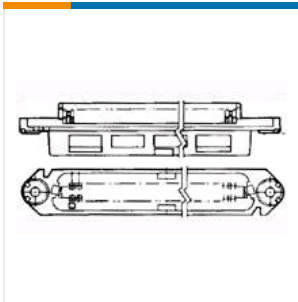




# IDC D-SUB CONNECTORS



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

## ASSY,RCPT,50POS,B SLOT,BLK HSG

CHAMP | Standard CHAMP Products

229975-1

TE Internal Number: 229975-1

Alias ID: 1193323, 27-05025-00, 6635303101, 814784-000, HUB-15134

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Solid Wire Range (mm<sup>2</sup>) **.4 – .51**

Stranded Wire Range (mm<sup>2</sup>) **.2**

Shielded **No**

Centerline **2.16 mm [ .085 in ]**

### Product Drawings

[RECEPTACLE ASSEMBLY, 50 POSITION, B-SLOT, WITH 4-40 HOLES, CHAMP-LOK](#)

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

#### Product Specification

[Connector, CHAMP](#)

PDF  
English

[Connector, CHAMP](#)

TIF  
English

[Connector, CHAMP](#)

TIF  
Japanese

[Connector, CHAMP](#)

PDF  
Japanese

[NETCONNECT\\*, CHAMP\\* System 5 Modular Jack Patch Panel](#)

PDF  
English

#### Application Specification

[CHAMP Cable Connectors \(Standard And Shielded\)](#)

PDF  
English

#### Qualification Test Report

[AMP Standard CHAMP Connector](#)

PDF

Japanese

[AMP Standard CHAMP Connector](#)

PDF  
English

[AMP Standard CHAMP Connector](#)

TIF  
English

[NETCONNECT\\*, CHAMP\\* System 5 Modular Jack Patch Panel](#)

TIF  
English

[NETCONNECT\\*, CHAMP\\* System 5 Modular Jack Patch Panel](#)

PDF  
English

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## Product Environmental Compliance

TE Material Declaration

[MD\\_229975-1\\_07102013315\\_dmtec](#)

PDF  
English

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## Instruction Sheets

Instruction Sheet (U.S.)

[CHAMP Cable-To-Cable And Cable-To-Panel Connectors](#)

PDF  
English

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**

Shielded

**No**

Wire/Cable Type

**7 Strand, Solid**

Product Type

**Connector**

Product Category

**Connectors**

Thread Size

**4-40 UNC 2B**

Profile

**Standard**

Connector Classification

**IDC**

Slot Type Letter Code

**B**

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## Configuration Features

Number of Positions

**50**

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## Body Features

Color

**Black**

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## Contact Features

Contact Mating Area Plating Material

**Gold Flash over Palladium Nickel, Gold**

Contact Mating Area Plating Thickness

**.76 µm [ 30 µin ]**

Contact Base Material

**Copper Alloy**

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## Mechanical Attachment

Flange Thickness

**Thick**

Mating Connector Lock	<b>With</b>
Panel Mount Retention	<b>Without</b>
Mating Connector Lock Type	<b>Bail Lock, Screwlocks</b>

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Housing Features	Centerline	<b>2.16 mm [ .085 in ]</b>
	Housing Color Dot Designation	<b>Blue</b>
	Housing Material	<b>Thermoplastic</b>

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Dimensions	Solid Wire Range (mm <sup>2</sup> )	<b>.4 – .51</b>
	Stranded Wire Range (mm <sup>2</sup> )	<b>.2</b>
	Wire Range (AWG)	<b>24, 26 – 24</b>
	Insulation Diameter (Max)	<b>1.14 mm [ .045 in ]</b>

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Packaging Features	Packaging Method	<b>Package, Tray/Box</b>
	Packaging Quantity	<b>100</b>

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Product Compliance [Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)