



IDC D-SUB CONNECTORS



TE CONNECTIVITY (TE)

ASSY, PLUG, 50 POS, B SLOT

CHAMP | [Standard CHAMP Products](#)

229974-1

TE Internal Number: 229974-1

Alias ID: 1178449, 1233976, 254182-000, 4-16211-7456, 6635303102, 6635303300, HUB-16902

[Always EU RoHS/ELV Compliant](#)

Connector Style **Plug**

Solid Wire Range (mm²) **.4 – .51**

Stranded Wire Range (mm²) **.2**

Shielded **No**

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

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[PLUG 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

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

Product Environmental Compliance

TE Material Declaration

[MD_229974-1_0729201533_dmtec](#)

PDF
English

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.

Product Type Features	Connector Style	Plug
	Shielded	No
	Wire/Cable Type	7 Strand, Solid
	Applies To	Cable
	Product Type	Connector
	Product Category	Connectors
	Thread Size	4-40 UNC 2B
	Profile	Standard
	Connector Classification	IDC
	Slot Type Letter Code	B
Configuration Features	Number of Positions	50
Body Features	Color	Black
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
Mechanical Attachment	Flange Thickness	Thick
	Mating Connector Lock	With
	Panel Mount Retention	Without
	Mating Connector Lock Type	Screwlocks

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

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

Packaging Features	Packaging Method	Package, Tray/Box
	Packaging Quantity	100

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

D-SUB BACKSHELLS & CLAMPS	IDC D-SUB CONNECTORS	D-SUB COVERS	D-SUB COVERS
<p>CLAMP, CABLE "CHAMP PACKAGING" 229910-1</p> <p> Save to List</p> <p> Find Similar Products</p>	<p>ASSY, RCPT, 50POS, B SLOT, BLK HSG 229975-1</p> <p> Save to List</p> <p> Find Similar Products</p>	<p>COVER, TAPERED, 90DEG "CHAMP PKG" 229909-1</p> <p> Save to List</p> <p> Find Similar Products</p>	<p>COVER KIT TAPERED 50 POS 5552560-1</p> <p> Save to List</p> <p> Find Similar Products</p>