



CONNECTORS

## IDC D-SUB CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### KIT, RCPT, 50 POS, B SLOT

CHAMP | Standard CHAMP Products

5229913-1

TE Internal Number: 5229913-1

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 KIT, 50 POSITION, B-SLOT, SCREW LOCK, TAPERED COVER, 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 Environmental Compliance

TE Material Declaration

**MD\_5229913-1\_07172013331\_dmtec**

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	<b>Receptacle</b>
	Shielded	<b>No</b>
	Wire/Cable Type	<b>7 Strand, Solid</b>
	Protective Cover	<b>Without</b>
	Slot Type Letter Code	<b>B</b>
	Product Type	<b>Kit</b>
	Product Category	<b>Connectors</b>
	Thread Size	<b>4-40</b>
	Kit Type	<b>Connector Kit</b>
	Profile	<b>Standard</b>
Connector Classification	<b>IDC</b>	
Configuration Features	Number of Positions	<b>50</b>
Body Features	Color	<b>Black</b>
Contact Features	Contact Mating Area Plating Thickness	<b>.76 <math>\mu</math>m [ 30 <math>\mu</math>in ]</b>
	Contact Base Material	<b>Copper Alloy</b>
	Contact Mating Area Plating Material	<b>Gold Flash over Palladium Nickel, Gold</b>
Mechanical Attachment	Mating Connector Lock	<b>With</b>
	Panel Mount Retention	<b>Without</b>
	Mating Connector Lock Type	<b>Screwlocks</b>
Housing Features	Centerline	<b>2.16 mm [ .085 in ]</b>
	Housing Color Dot Designation	<b>Blue</b>
	Housing Material	<b>Polyphenylene Oxide</b>
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>
	Cable Diameter (Max)	<b>10.8 mm [ .425 in ]</b>
	Cable Outside Diameter	<b>8.89 – 10.8 mm [ .35 – .425 in ]</b>

Insulation Diameter (Max)

**1.14 mm [ .045 in ]**

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Packaging Features

Packaging Quantity

**1**

Packaging Method

**Package**

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Product Compliance

[Statement of Compliance](#)

PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

