



+ CONNECTORS

IDC D-SUB CONNECTORS



✓ Active

TE CONNECTIVITY (TE)  
**ASSY, RCPT, 50 POSN, B SLOT**  
CHAMP | [Standard CHAMP Products](#)

5553921-1  
TE Internal Number: 5553921-1  
Alias ID: 4-16211-7455, A4528W-000

[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, CHAMP-LOK, WITH INTEGRAL LOCKING LATCH**  
PDF [\(TIFF AVAILABLE\)](#)  
**English**

CAD Files

**3D PDF**  
PDF  
**English**

**Customer View Model**  
2D\_DXF.ZIP  
**English**

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

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   Black

Contact Features

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

Mechanical Attachment

**Mating Connector Lock Type** Integral Locking Latch  
**Panel Mount Feature** Without  
**Mating Connector Lock** With  
**Flange Thickness** Thick

Housing Features

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

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