



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
