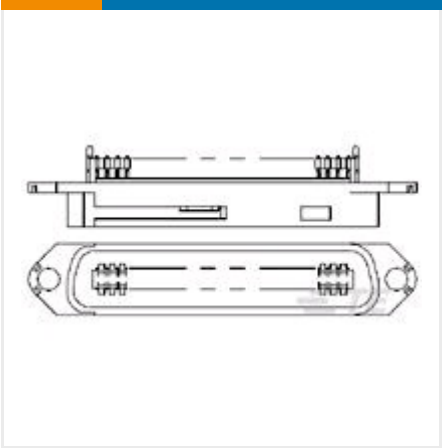




+ CONNECTORS

IDC D-SUB CONNECTORS



✓ Active

TE CONNECTIVITY (TE)  
EMI PLUG ASSY, 50 POS, B SLOT

CHAMP | [Standard CHAMP Products](#)

554338-1  
TE Internal Number: 554338-1

[EU RoHS Compliant](#)  
[EU ELV Compliant](#)

Connector Style Plug

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

**EMI PLUG ASSEMBLY, 50 POSITION, SCREW LOCK, B-SLOT, W/ TAPPED HOLES, CHAMP**

PDF [\(TIFF AVAILABLE\)](#)

English

CAD Files

**Customer View Model**

3D\_STP.ZIP

English

**Customer View Model**

3D\_IGS.ZIP

English

Customer View Model

2D\_DXF.ZIP

English

3D PDF

PDF

English

Product Specifications

Application Specification

CHAMP Cable Connectors (Standard And Shielded)

PDF

English

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 Plug

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

**Ribbon Cable Centerline Spacing** 1.27 mm [ .05 in ]  
**Color** Black

Contact Features

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

Mechanical Attachment

**Mating Connector Lock Type** Screwlocks  
**Panel Mount Retention** Without  
**Mating Connector Lock** With  
**Screw Size** 14702

Housing Features

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

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

Packaging Features

**Packaging Quantity** 100  
**Packaging Method** Package

PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**  
PDF