



**CONNECTORS**

**IDC D-SUB CONNECTORS**



✓ Active

TE CONNECTIVITY (TE)

## EMI RCPT ASSY, 24 POSN, SHLD

CHAMP | Standard CHAMP Products

5554434-1

TE Internal Number: 5554434-1

EU RoHS Compliant

EU ELV Compliant

**Connector Style** Receptacle

**Solid Wire Range (AWG)** 30 – 26

**Solid Wire Range (mm<sup>2</sup>)** .05 – .13

**Stranded Wire Range (AWG)** 28

**Stranded Wire Range (mm<sup>2</sup>)** .08

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

### DOCUMENTATION

Product Drawings

**EMI RECEPTACLE ASSEMBLY, 24 POSITION, LOW PROFILE SHIELDED, SCREW LOCK, CHAMP LATCH**

PDF (TIFF AVAILABLE)

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

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Product Environmental Compliance

TE Material Declaration

## MD\_5554434-1\_061720161051\_dmtec

PDF

English

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## FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

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### Product Type Features

**Connector Style** Receptacle

**Shielded** Yes

**Wire/Cable Type** Ribbon Cable

**Connector & Contact Terminates To** Wire & Cable

**Product Category** Connectors

**Product Type** Connector

**Boss on Shield** With

**Profile** Standard

**Connector Classification** IDC

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### Configuration Features

**Number of Positions** 24

**Number of Rows** 2

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### Body Features

**Shield Plating Material** Nickel

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

**Color** Black

**Shield Material** Die Cast Metal

**Strain Relief Clip Material** Thermoplastic

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### Contact Features

**Solder Tail Contact Plating Material** Gold Flash over Nickel

**Contact Mating Area Plating Thickness (µin)** 30

**Contact Base Material** Phosphor Bronze

**Contact Mating Area Plating Material** Gold Flash over Palladium Nickel, Gold

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### Mechanical Attachment

**Mating Connector Lock Type** CHAMP Latch, Screwlocks  
**Panel Mount Retention** With  
**Mating Connector Lock** With  
**Screw Size** 11841

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#### Housing Features

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

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#### Dimensions

**Solid Wire Range (AWG)** 30 – 26  
**Solid Wire Range (mm<sup>2</sup>)** .05 – .13  
**Stranded Wire Range (AWG)** 28  
**Stranded Wire Range (mm<sup>2</sup>)** .08  
**Wire Range (AWG)** 28

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#### Packaging Features

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

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#### Other

**Comment** Boss is a 1.02 [.040] shoulder on front of shield.

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## PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**

PDF

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