



**+** CONNECTORS

IDC D-SUB CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

## CHAMP.050 PLUG CONN KIT 68P PB-FREE

CHAMP | .050 CHAMP Series II

5175677-8

TE Internal Number: 5175677-8

EU RoHS Compliant

EU ELV Compliant

Connector Style Plug

Shielded No

Number of Positions 68

Centerline (Pitch) 1.27 mm [ .05 in ]

Number of Rows 2

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

### DOCUMENTATION

Product Drawings

#### **CHAMP .050 PLUG CONN. KIT**

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

## 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** Plug

**Shielded** No

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

**Product Type** Connector

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### Configuration Features

**Number of Positions** 68

**Number of Rows** 2

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### Body Features

**Cover Material** Glass-filled PBT

**Color** Black

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### Contact Features

**Solder Tail Contact Plating Material** Tin over Nickel

**Contact Base Material** Copper Alloy

**Contact Mating Area Plating Material** Gold

**Contact Mating Area Plating Thickness (µm)** .3

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### Mechanical Attachment

**Panel Mount Retention** Without

**Mating Connector Lock** With

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### Housing Features

**Centerline (Pitch)** 1.27 mm [ .05 in ]

**Housing Color** Black

**Housing Material** Thermoplastic , GF

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### Dimensions

**Wire Insulation Diameter (mm)** .5 – .7

**Insulation Diameter (Max) (mm)** .7

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### Usage Conditions

## Housing Material Temperature Standard

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Industry Standards

**UL Flammability Rating** UL 94V-0

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Packaging Features

**Packaging Quantity** 900

**Packaging Method** Kit

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## PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**

PDF

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