



+ CONNECTORS

IDC D-SUB CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
CHAMP.050 PLUG CONN KIT 50P PB-FREE

CHAMP | .050 CHAMP Series II

2-5175677-7
TE Internal Number: 2-5175677-7

EU RoHS Compliant
EU ELV Compliant

Connector Style Plug
Shielded No

Number of Positions 50
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

Product Environmental Compliance

TE Material Declaration

MD_2-5175677-7_0622201579_dmtec

PDF

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.

Product Type Features

Connector Style Plug
Shielded No
Connector & Contact Terminates To Wire & Cable
Product Type Connector

Configuration Features

Number of Positions 50
Number of Rows 2

Body Features

Shell Plating Material Nickel
Shell Material Steel
Cover Material Glass-filled PBT
Color Black

Contact Features

Solder Tail Contact Plating Material Tin over Nickel
Contact Mating Area Plating Thickness .76 µm [30 µin]
Contact Base Material Copper Alloy
Contact Mating Area Plating Material Gold

Mechanical Attachment

Panel Mount Retention Without
Mating Connector Lock With

Housing Features

Centerline (Pitch) 1.27 mm [.05 in]
Housing Material PBT GF

Dimensions

Wire Insulation Diameter .51 – .71 mm [.02 – .028 in]

Usage Conditions

Housing Material Temperature Standard

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Quantity 1100

Packaging Method Kit

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF