+ CONNECTORS

PCB D-SUB CONNECTORS

✔ Active

TE CONNECTIVITY (TE)

.8MM CHAMP, 50 POS, RCPT ASSY

CHAMP | CHAMP .8 mm Connector

6658751-1
TE Internal Number: 6658751-1

EU RoHS Compliant
EU ELV Compliant

Connector Style Receptacle

Number of Positions 50

Centerline (Pitch) .8 mm [.031 in]

Number of Rows 2

Row-to-Row Spacing .8

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

DOCUMENTATION —

Product Drawings

RECEPTACLE ASSEMBLY, 50 POSITION, SHIELDED, RIGHT ANGLE, CHAMP 0.8mm
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 Specifications

Application Specification

CHAMP 0.8 Mm Cable And Printed Circuit (PC) Board Connectors
PDF

English

Product Specification

Connector, 0.8mm CHAMP
PDF

English

Qualification Test Report

Connector, 0.8mm CHAMP
TIF

English

Connector, 0.8mm CHAMP
PDF

English

Product Environmental Compliance

TE Material Declaration

MD_6658751-1_110720132352_dmtec
PDF

English

Instruction Sheets

Instruction Sheet (U.S.)

Manual Arbor Frame Assembly 91085-2
PDF

English

Tooling Kit 768900-4
PDF

English

Mass Termination Tooling Assembly 543580-1 & Cutter Subassembly 543610
PDF

English

Mass Termination Tooling Assembly 543580-1 & Cutter Subassembly 543610
TIF

English

FEATURES

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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

Shell Type Full Metal Shell
Connector Style Receptacle
Row-to-Row Spacing .8
Profile High
PCB Mounting Orientation Right Angle
Connector & Contact Terminates To Printed Circuit Board
Product Category Connectors - Printed Circuit Board
Product Type Connector
Center Ground Plate Without
Product Classification Connector - Board-to-Board
Shielded Yes

Configuration Features

Stacked No
Number of Positions 50
Number of Rows 2
Preloaded Yes
Number of Signal Positions 50

Body Features

Insert Material Thermoplastic
Shell Material Carbon Steel
Shell Plating Material Nickel over Copper
Post Size (mm) .254

Contact Features

Solder Tail Contact Plating Material Tin
Contact Mating Area Plating Material Gold
Contact Mating Area Plating Thickness (µin) 30
Contact Base Material Phosphor Bronze

Termination Features

Termination Post Length 2.27 mm [.089 in]

Mechanical Attachment

PCB Mount Alignment Without
PCB Mounting Style Surface Mount
PCB Mount Retention With
PCB Mount Retention Type Mounting Holes
Mating Connector Lock With
Mating Connector Lock Type Screwlocks
Mounting Hole Diameter (mm) 1.75
Mounting Angle Right Angle

Housing Features

Centerline (Pitch) .8 mm [.031 in]
Housing Color Black
Housing Material Thermoplastic

Dimensions

PCB Thickness (Recommended) (mm) 1.6

Industry Standards

Insert Flammability Rating UL 94V-0
UL Flammability Rating UL 94V-0

Packaging Features

Packaging Quantity 40
Packaging Method Tray

PRODUCT COMPLIANCE   +

Statement of Compliance

Statement of Compliance
PDF