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# 5787962-2

CHAMP .8 mm Connector, PCB D-Sub Connectors, Receptacle, Cable-to-Board, 68 Position, .8mm [.031in] Centerline, 4 Row

CHAMP | CHAMP .8 mm Connector

TE Internal #: **5787962-2**
TE Internal Description: **.8MM CHAMP STACK RCPT ASSY**

Connector & Housing Type : **Receptacle**
Connector System : **Cable-to-Board**
Number of Positions : **68**
Centerline (Pitch) : **.8 mm [ .031 in ]**
Number of Rows : **4**

Digital Datasheet

**Compatible Parts & Tooling**

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Documents | Features | Product Compliance

## Product Drawings

RECEPTACLE ASSEMBLY, RIGHT ANGLE, 68 POS, STACKED, CHAMP 0.8mm

tif English

.8MM CHAMP STACK RCPT ASSY

.8MM CHAMP STACK RCPT ASSY

English

## CAD Files

3D PDF

3D_CVM_CVM_5787962-2_B.pdf

3D

Customer View Model

ENG_CVM_CVM_5787962-2_B.2d_dxf.zip

English

ENG_CVM_CVM_5787962-2_B.3d_igs.zip

English

ENG_CVM_CVM_5787962-2_B.3d_stp.zip

English

## Product Specifications

Application Specification

ENG_SS_114-6057_D.pdf

English

Product Specification

ENG_[illegible]8-1471_A.pdf

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English

Connector, 0.8mm CHAMP

S_501-335_O.tif

English

Qualification Test Report

ENG_SS_501-335_O.pdf

English

## Instruction Sheets

Instruction Sheet (U.S.)

ENG_SS_408-4017_A.pdf

English

Instruction Sheet (U.S.)

S_408-4264_O.pdf

English

S_408-4264_O.tif

English

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 & Housing Type : **Receptacle**
Connector System : **Cable-to-Board**
Sealable : **No**
Connector & Contact Terminates To : **Printed Circuit Board**
Center Ground Plate : **Without**
Product Category : **Connectors - Printed Circuit Board**
Product Type : **Connector**
Product Classification : **Connector - Board-to-Board**
Shielded : **Yes**

## Configuration Features

Number of Signal Positions : **68**
Number of Positions : **68**
Number of Rows : **4**
PCB Mount Orientation : **Right Angle**
Stacked : **Yes**
Preloaded : **Yes**

## Body Features

Connector Profile : **High**
Insert Material : **Thermoplastic**
Shell Plating Material : **Nickel**
Shell Material : **Carbon Steel**
Post Size (mm): **.254**

## Contact Features

Contact Base Material : **Phosphor Bronze**
PCB Contact Termination Area Plating Material : **Tin**
Contact Current Rating (Max) (A): **.3, .5, 1.5**

## Termination Features

Termination Method to Printed Circuit Board :
**Surface Mount, Through Hole - Solder**
Termination Post Length : **3.56 mm [ .14 in ]**

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|---|---|
| Mechanical Attachment | Panel Mount Feature : **With**<br>PCB Mount Alignment : **Without**<br>PCB Mount Retention : **With**<br>PCB Mount Retention Type : **Retention Leg**<br>Mating Retention : **With**<br>Mating Retention Type : **Mounting Holes**<br>Connector Mounting Type : **Board Mount**<br>Mounting Hole Diameter (mm): **1.2**<br>Mounting Angle : **Right Angle** |
| Housing Features | Centerline (Pitch) : **.8 mm [ .031 in ]**<br>Housing Color : **Black**<br>Housing Material : **Thermoplastic** |
| Dimensions | Row-to-Row Spacing : **1.15 mm [ .045 in ]**<br>PCB Thickness (Recommended) (mm): **1.6** |
| Usage Conditions | Operating Temperature Range : **-55 – 85 °C [ -67 – 185 °F ]** |
| Operation/Application | Circuit Application : **Signal** |
| Industry Standards | Approved Standards : **UL E28476**<br>UL Flammability Rating : **UL 94V-0**<br>Insert Flammability Rating : **UL 94V-0** |
| Packaging Features | Packaging Quantity : **50**<br>Packaging Method : **Box** |
| Statement of Compliance | Statement of Compliance pdf |

## Also in the Series | CHAMP .8 mm Connector

D-Sub Backshells & Clamps (5)

D-Sub Locking & Mounting (2)

IDC D-Sub Connectors (4)

PCB D-Sub Connectors (7)

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