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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

**We are here to help!**  
Get in touch with our product experts.

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Documents	Features	Product Compliance
Product Drawings	<p>RECEPTACLE ASSEMBLY, RIGHT ANGLE, 68 POS, STACKED, CHAMP 0.8mm</p> <p> <a href="#">tif</a> English</p> <p>.8MM CHAMP STACK RCPT ASSY</p> <p> <a href="#">.8MM CHAMP STACK RCPT ASSY</a></p> <p>English</p>	
CAD Files	<p>3D PDF</p> <p> <a href="#">3D_CVM_CVM_5787962-2_B.pdf</a></p> <p>3D</p> <p>Customer View Model</p> <p> <a href="#">ENG_CVM_CVM_5787962-2_B.2d_dxf.zip</a></p> <p>English</p> <p> <a href="#">ENG_CVM_CVM_5787962-2_B.3d_igs.zip</a></p> <p>English</p> <p> <a href="#">ENG_CVM_CVM_5787962-2_B.3d_stp.zip</a></p> <p>English</p>	
Product Specifications	<p>Application Specification</p> <p> <a href="#">ENG_SS_114-6057_D.pdf</a></p> <p>English</p> <p>Product Specification</p> <p> <a href="#">ENG_SS_114-1471_A.pdf</a></p>	



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

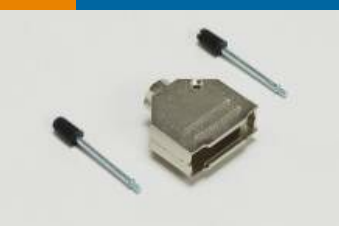
Termination Method to Printed Circuit Board :

**Surface Mount, Through Hole - Solder**

Termination Post Length : **3.56 mm [ .14 in ]**

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

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D-Sub Locking & Mounting (2)



IDC D-Sub Connectors (4)



PCB D-Sub Connectors (7)

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