



+ CONNECTORS

PCB D-SUB CONNECTORS



✓ Active

TE CONNECTIVITY (TE)  
**68 CHAMP R/A ASSY,LC**  
[CHAMP](#) | [CHAMP .8 mm Connector](#)

5796055-1  
TE Internal Number: 5796055-1

- [EU RoHS Compliant](#)
- [EU ELV Compliant](#)
- Connector Style** Receptacle
- Number of Positions** 68
- Centerline (Pitch)** .8 mm [ .031 in ]
- Number of Rows** 4
- Row-to-Row Spacing** .8

[↓](#) **PRODUCT DRAWING**  
English

[↓](#) **3D PDF**

DOCUMENTATION

Product Drawings

**RECEPTACLE ASSEMBLY, RIGHT ANGLE, 68 POS, SHIELDED, 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

.08 Mm CHAMP\* Single Or Stackable Receptacle And Cable Mounted Plug

PDF

English

Qualification Test Report

Connector, 0.8mm CHAMP

TIF

English

Connector, 0.8mm CHAMP

PDF

English

Product Environmental Compliance

TE Material Declaration

MD\_5796055-1\_04142014948\_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



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   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 - Wire-to-Board
- Shielded   Yes

Configuration Features

- Stacked   No
- Number of Positions   68
- Number of Rows   4
- Preloaded   Yes
- Number of Signal Positions   68

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   .76 μm [ 30 μin ]
- Contact Base Material   Phosphor Bronze

Termination Features

- Termination Post Length   2.27 mm [ .089 in ]

Mechanical Attachment

- Panel Mount Retention   Without
- PCB Mount Alignment   With
- PCB Mount Alignment Type   2 Pylons
- PCB Mounting Style   Through Hole
- PCB Mount Retention   With
- PCB Mount Retention Type   Boardlocks
- Mating Connector Lock   With
- Mating Connector Lock Type   Screwlocks
- Mating Retention Type   Brackets
- Boardlock Material   Steel
- Mounting Hole Diameter (mm)   1.2
- Mounting Angle   Right Angle
- Boardlock Plating Material   Tin
- Mating Retention   With

Housing Features

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

**Housing Color** Black

**Housing Material** Thermoplastic

Dimensions

**PCB Thickness (Recommended)** 1.6 mm [ .063 in ]

Industry Standards

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

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

Packaging Features

**Packaging Quantity** 32

**Packaging Method** Box

Other

**Comment** Row 1 - kinked legs

PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**

PDF