

 [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 : **Plug**

Connector System : **Cable-to-Cable**

Connector Product Type : **Connector Kit**

Sealable : **No**

Connector & Contact Terminates To : **Wire & Cable**

Center Ground Plate : **Without**

Product Category : **Connectors - Cable**

Product Classification : **Connector - Wire-to-Board**

## Configuration Features

Number of Positions : **36**

Number of Rows : **2**

Compatible With Wire & Cable Type :

**Discrete Wire, Round Jacketed Cable**

Stacked : **No**

## Body Features

Shell Plating Material : **Nickel over Copper**

Shell Material : **Steel**

Cover Material : **ABS/Polycarbonate**

Color : **Black**

Offset : **No**

## Contact Features

Contact Base Material : **Phosphor Bronze**

PCB Contact Termination Area Plating Material : **Tin**

Contact Underplating Material : **Nickel**

Contact Mating Area Plating Material : **Gold**

Contact Current Rating (Max) (A): **.3, .5, 1.5**

Contact Mating Area Plating Thickness (µin): **30**

## Termination Features

Termination Method to Wire & Cable :

**Insulation Displacement Crimp (IDC)**

Termination Cover : **Without**

Mechanical Attachment	Detent : <b>With</b> PCB Mount Retention Type : <b>None</b> Connector Mounting Type : <b>Cable Mount (Free-Hanging)</b> Mounting Angle : <b>None</b> Mating Connector Lock : <b>Without</b>
Housing Features	Centerline (Pitch) : <b>.8 mm [ .031 in ]</b> Housing Color : <b>Black</b> Housing Material : <b>LCP (Liquid Crystal Polymer)</b>
Dimensions	Accepts Wire Insulation Diameter Range (mm): <b>.56 – .64</b> Stranded Wire Size (AWG): <b>30</b> Stranded Wire Size (mm²): <b>.05</b> Insulation Diameter (Max) (mm): <b>.64</b>
Usage Conditions	Operating Temperature Range : <b>-55 – 85 °C [ -67 – 185 °F ]</b>
Operation/Application	Shielded : <b>Yes</b> Circuit Application : <b>Signal</b>
Industry Standards	Cover Flammability Rating : <b>UL 94V-0</b> UL Flammability Rating : <b>UL 94V-0</b>
Packaging Features	Packaging Quantity : <b>1</b> Packaging Method : <b>Package</b>
Statement of Compliance	<a href="#">Statement of Compliance pdf</a>


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)

[ABOUT TE CONNECTIVITY](#)

[FOR PARTNERS](#)

[SUPPORT](#)

[CALL US](#)

[LIVE CHAT](#)

[UNITED STATES \(EN\)](#)