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Part Number: [87568-1694](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: 2.00mm Pitch Milli-Grid™ Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 16 Circuits, 0.76µm Gold (Au) Selective Plating, with Center Polarization Key and Locking Friction Ramp

Documents:

[3D Model](#) [Product Specification PS-87568-004 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family IDT and Solder Connectors
Series [87568](#)
Crimp Quality Equipment Yes
Overview [Milli-Grid™ Connector System](#)
Product Name Milli-Grid™
UPC 822348457687
Use With [875691016](#) Strain Relief (Optional)

Physical

Circuits (Loaded) 16
Circuits (maximum) 16
Color - Resin Black
Durability (mating cycles max) 100
Flammability 94V-0
Gender Female
Glow-Wire Compliant No
Lock to Mating Part Yes
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Resin Polyester
Net Weight 1.039/g
Number of Rows 2
Packaging Type Tray
Panel Mount No
Pitch - Mating Interface 2.00mm
Polarized to Mating Part Yes
Stackable No
Temperature Range - Operating -20°C to +85°C
Termination Interface: Style IDT or Pierce
Wire Size AWG 28

Electrical

Current - Maximum per Contact 1A
Voltage - Maximum 125V

Material Info

Reference - Drawing Numbers

Product Specification PS-87568-004
Sales Drawing SD-87568-003



image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[87568Series](#)

Mates With

[87831](#) Vertical PCB Header, [87832](#) Surface
Mount PCB Header, [87833](#) Right Angle PCB
Header

Application Tooling | FAQ

*Tooling specifications and manuals are
found by selecting the products below.
Crimp Height Specifications are then
contained in the Application Tooling
Specification document.*

Global

Description	Product #
IDT - Manual - Handtool	0621002000
Manual Press with IDT Ribbon Cable Tool Kit	0621002200
IDT Ribbon Cable Adapter Kit for 2.00mm	0621002400

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