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Part Number: [87568-4493](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: Milli-Grid™ Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 44 Circuits, 0.38µm 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 822348458318
Use With [87569-1044](#) Strain Relief (Optional)

Physical

Circuits (Loaded) 44
Circuits (maximum) 44
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 2.502/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
Contains SVHC: No
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 #
Manual Press with IDT Ribbon Cable Tool Kit	0621002200
IDT Ribbon Cable Adapter Kit for 2.00mm	0621002400
IDT - Manual - Handtool	0621002000

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