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Part Number:

87568-5094

Status:

Active

Overview:

Milli-Grid™ Connector System

Description:

Milli-Grid™ Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 50 Circuits, 0.76µm Gold (Au) Selective Plating, with Center Polarization Key and Locking Friction Ramp

Documents:

3D Model

Drawing (PDF)

Product Specification PS-87568-004 (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	822348458400
Use With	87569-1050 Strain Relief (Optional)
Physical	
Circuits (Loaded)	50
Circuits (maximum)	50
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	2.721/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



Series
image - Reference only

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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