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Part Number:

0875682493

Status:

Active

Overview:

Milli-Grid Connector System

Description:

Milli-Grid Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 24 Circuits, 0.38µm Gold (Au) Selective Plating, with Center Polarization Key and Locking Friction Ramp

Documents:

3D Model	Application Specification 503940002-AS-000 (PDF)
Drawing (PDF)	Packaging Specification PK-87568-0001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-87568-004-001 (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	822348457915
Use With	875691024 Strain Relief (Optional)

Physical

Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Gender	Female
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	Polyester
Net Weight	1.392/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° to +85°C
Termination Interface: Style	IDT or Pierce
Wire Size AWG	28

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	125V

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

87568 Series

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	621002000
Manual Press with IDT Ribbon Cable Tool Kit	621002200
IDT Ribbon Cable Adapter Kit for 2.00mm	621002400

Application Specification
Packaging Specification
Product Specification
Sales Drawing

503940002-AS-000
PK-87568-0001-001
PS-87568-004-001
SD-87568-003-001

IDT - Manual - Tool 621003200
Kit

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