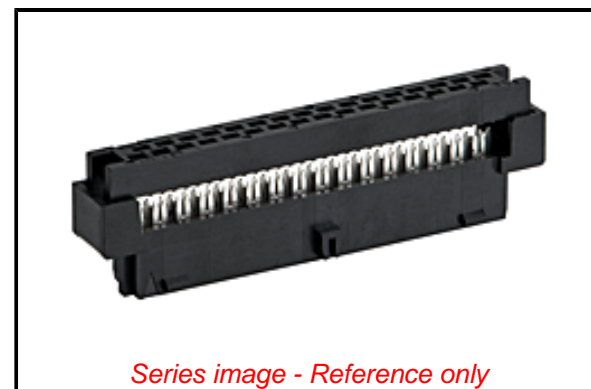


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Part Number: [0875683693](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: [Milli-Grid Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 36 Circuits, 0.38µm Gold \(Au\) Selective Plating, with Center Polarization Key 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	822350622868
Use With	875691034 Strain Relief (Optional)

Physical

Circuits (Loaded)	36
Circuits (maximum)	36
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Gender	Female
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Beryllium Copper
Material - Plating Mating	Gold
Material - Resin	Polyester
Net Weight	1.999/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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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 #
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Manual Press with	621002200
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IDT Ribbon Cable	
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Tool Kit	
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IDT - Manual - Tool	621003200
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Kit	
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Application Specification
Packaging Specification
Product Specification
Sales Drawing

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

This document was generated on 10/20/2020

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