

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0875685063

Status:

Active

Overview:

Milli-Grid Connector System

Description:

Milli-Grid Cable-to-Board Receptacle, Dual Row, IDT, Lead-Free, 50 Circuits, 0.38µm Gold (Au) Selective Plating, without 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
Taxonomy	Connector Housings
UPC	822348458356
Use With	875691050 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 Capable	No
Lock to Mating Part	None
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° 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

Material Info



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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

Reference - Drawing Numbers

Application Specification	503940002-AS-000
Packaging Specification	PK-87568-0001-001
Product Specification	PS-87568-004-001
Sales Drawing	SD-87568-003-001

IDT - Manual - Tool 621003200
Kit

This document was generated on 09/26/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION