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Part Number: **0875685093**
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, 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
 MolexKits Yes
 Overview Milli-Grid™ Connector System
 Product Name Milli-Grid™
 UPC 822348458394
 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 1.0A
 Voltage - Maximum 125V

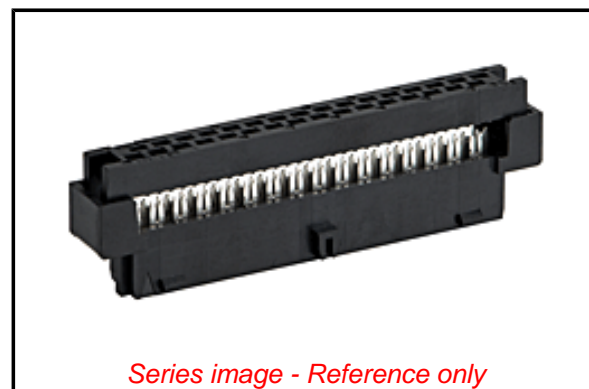
Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Product Specification PS-87568-004



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

No -ED/39/2015 (15 June 2015)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

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 - Tool Kit	<u>0621003200</u>
Manual Press with IDT Ribbon Cable Tool Kit	<u>0621002200</u>

IDT - Manual - Handtool	<u>0621002000</u>
IDT Ribbon Cable Adapter Kit for 2.00mm	<u>0621002400</u>

This document was generated on 01/12/2016

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