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Part Number: [87759-4014](#)
Status: **Active**
Overview: Milli-Grid™ Connector System
Description: 2.00mm Pitch Milli-Grid™ Header, Surface Mount, Vertical, 40 Circuits, 0.38µm Gold (Au) Selective Plating, without Press-fit Plastic Pegs, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-87761-100 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

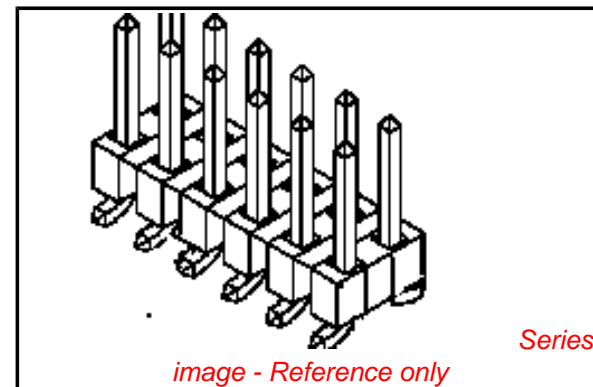
Product Family PCB Headers
 Series [87759](#)
 Application Board-to-Board, Signal
 Overview Milli-Grid™ Connector System
 Product Name Milli-Grid™
 UPC 822348283699

Physical

Breakaway Yes
 Circuits (Loaded) 40
 Circuits (maximum) 40
 Color - Resin Black
 Durability (mating cycles max) 100
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Compliant No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part None
 Mated Height 3.80mm
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 0.866g
 Number of Rows 2
 Orientation Vertical
 PCB Locator No
 PCB Retention None
 Packaging Type Tube
 Pitch - Mating Interface 2.00mm
 Pitch - Termination Interface 2.00mm
 Plating min - Mating 0.381µm
 Polarized to Mating Part No
 Polarized to PCB No
 Shrouded No
 Stackable No
 Temperature Range - Operating -55°C to +105°C
 Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 2A



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

[87759Series](#)

Mates With

[79107](#) Milli-Grid™ Receptacle, Vertical, Through Hole, [79108](#) Milli-Grid™ Flex-to-Board, Vertical Receptacle, Milli-Grid™ Receptacle, Surface Mount, [79109](#) , [87381](#)

Voltage - Maximum 125V

Solder Process Data

Duration at Max. Process Temperature (seconds) 10

Lead-free Process Capability Reflow Capable (SMT only)

Max. Cycles at Max. Process Temperature 3

Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Product Specification PS-87761-100

Sales Drawing SD-87759-117, SD-87759-215

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