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Part Number: [0877593015](#)
Status: **Contact Molex**
Overview: [milligrid](#)
Description: 2.00mm (.079") Pitch Milli-Grid™ Header, Surface Mount, Vertical, 30 Circuits, 0.76µm (30µ") 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 [milligrid](#)
Product Name Milli-Grid™

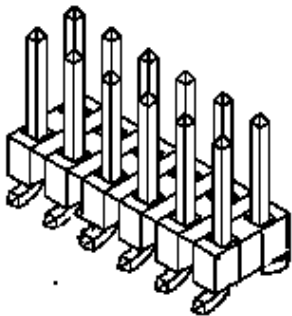
Physical

Breakaway Yes
Circuits (Loaded) 30
Circuits (maximum) 30
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 (.150")
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Vertical
PCB Locator No
PCB Retention None
Packaging Type Tube
Pitch - Mating Interface 2.00mm (.079")
Pitch - Termination Interface 2.00mm (.079")
Plating min - Mating 0.762µm (30µ")
Polarized to Mating Part No
Polarized to PCB No
Shrouded No
Stackable Yes
Temperature Range - Operating -55°C to +105°C
Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 2A
Voltage - Maximum 125V

Solder Process Data



Series
image - Reference only

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](#)

Lead-free Process Capability
Process Temperature max. C

Reflow Capable (SMT only)
250

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-87761-100
SD-87759-118

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