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Part Number: [0877602817](#)
Status: **Active**
Overview: [milligrid](#)
Description: 2.00mm (.079") Pitch Milli-Grid™ Header, Right Angle, Through Hole, 28 Circuits, 0.76µm (30µ") Gold (Au) Selective Plating, Tray, Lead-free

Documents:

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

Agency Certification

CSA LR19980
UL E29179

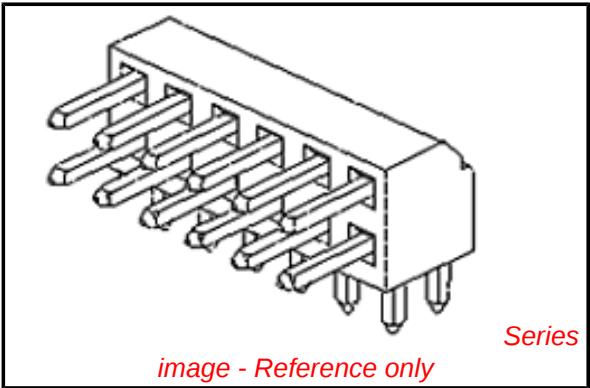
General

Product Family PCB Headers
Series [87760](#)
Application Board-to-Board, Signal, Wire-to-Board
Comments Lead-free version of 87049 series
Overview [milligrid](#)
Product Name Milli-Grid™

Physical

Breakaway No
Circuits (Loaded) 28
Circuits (maximum) 28
Color - Resin Black
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 4.00mm (.157")
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Right Angle
PC Tail Length 2.60mm (.102")
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.60mm (.063")
Packaging Type Tray
Pitch - Mating Interface 2.00mm (.079")
Pitch - Termination Interface 2.00mm (.079")
Polarized to Mating Part No
Polarized to PCB No
Shrouded No
Stackable Yes
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -55°C to +105°C
Termination Interface: Style Through Hole

Electrical



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Not Low-Halogen



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
[87760Series](#)

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

Current - Maximum per Contact	2A
Voltage - Maximum	125V
Solder Process Data	
Lead-free Process Capability	Wave Capable (TH only)
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-87761-100
Sales Drawing	SD-87760-109

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