

**Part Number: 87759-4814**

Image not available

Status:	Contact Molex
Series:	87759
Category:	PCB Headers
Overview:	Milli-Grid™ Connector System

Series image - Reference only

Mates With Part(s):

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

Part Detail**General**

Status	Contact Molex
Category	PCB Headers
Series	87759
Application	Board-to-Board, Signal
Overview	Milli-Grid™ Connector System
Product Name	Milli-Grid™

Physical

Breakaway	Yes
Circuits (Loaded)	48
Circuits (maximum)	48
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
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**(Please review the Product Specification for specific details.)**

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

Agency Certification

UL	E29179
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Solder Process Data

Lead-free Process Capability	Reflow Capable (SMT only)
Process Temperature max. C	250

Material Info

UPC	822348311804
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Reference - Drawing Numbers

Product Specification	PS-87761-100
Sales Drawing	SD-87759-117

Application Tooling

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)