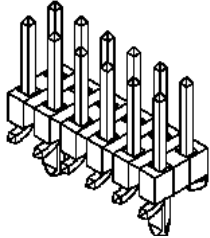


**Part Number: 78174-0800**

**2.00mm Pitch Milli-Grid™ Header, Surface Mount, Vertical, 8 Circuits, 0.38µm Gold (Au) Selective Plating, with Press-fit Plastic Pegs, without Pick-and-Place Cap, Tube Packaging, Halogen-free, Lead-Free**



Series image - Reference only

<b>Status:</b>	Planned for Obsolescence
<b>Series:</b>	<a href="#">78174</a>
<b>Category:</b>	PCB Headers
<b>Overview:</b>	<a href="#">Milli-Grid™ Connector System</a>

**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](#)

**Product Environmental Compliance**

**EU RoHS:** ELV and RoHS Compliant

**China RoHS:**

**REACH SVHC:** Contains SVHC: No

**Low-Halogen Status:** Low-Halogen

**Part Detail****General**

<b>Status</b>	<b>Planned for Obsolescence</b>
Category	PCB Headers
Series	<a href="#">78174</a>
Application	Board-to-Board, Signal
Overview	<a href="#">Milli-Grid™ Connector System</a>
Product Name	Milli-Grid™

**Physical**

Breakaway	Yes
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	Contact Molex
First Mate / Last Break	No
Glow-Wire Compliant	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	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
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	Yes
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

**Material Info**

UPC	884982019683
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**Reference - Drawing Numbers**

Product Specification	PS-78174-100
Sales Drawing	SD-78174-001

## 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.

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### Previously Available Application Tooling

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