

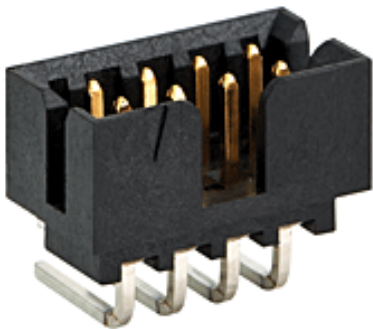
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Part Number: [0780461020](#)
Status: **Active**
Overview: Milli-Grid™ Connector System
Description: 2.00mm Pitch Milli-Grid™ Header, Right Angle, Through Hole, Shrouded, 10 Circuits, 0.38µm Gold (Au) Plating, with 2 Side Locking Slots, Center Polarization Window, Tube Packaging, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-78046-001-001 \(PDF\)](#)
[Packaging Specification PK-87831-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Headers
Series		78046
Application		Signal, Wire-to-Board
Overview		Milli-Grid™ Connector System
Product Name		Milli-Grid™
UPC		883906902407

Physical		
Breakaway		No
Circuits (Loaded)		10
Circuits (maximum)		10
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		Yes
Material - Metal		Phosphor Bronze
Material - Plating Mating		Gold
Material - Plating Termination		Tin
Material - Resin		Nylon
Net Weight		0.588/g
Number of Rows		2
Orientation		Right Angle
PC Tail Length		2.16mm
PCB Locator		No
PCB Retention		None
Packaging Type		Tube
Pitch - Mating Interface		2.00mm
Pitch - Termination Interface		2.00mm
Plating min - Mating		0.381µm
Plating min - Termination		1.905µm
Polarized to Mating Part		No
Polarized to PCB		No
Shrouded		Closed Ends
Stackable		No
Surface Mount Compatible (SMC)		No
Temperature Range - Operating		-55°C to +105°C
Termination Interface: Style		Through Hole



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per -ED/01/2017 (12 January 2017) Halogen-Free Status Not Low-Halogen Need more information on product environmental compliance? Email productcompliance@molex.com Please visit the Contact Us section for any non-product compliance questions.	China RoHS China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[78046](#) Series

Mates With
[78045](#) Crimp Receptacle Housing

Use With
[50394](#) Crimp Terminals

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	125V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-87831-001
Product Specification	PS-78046-001-001
Sales Drawing	SD-78046-001

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