

**Part Number: 78046-1023**

Image not available

Status: Contact Molex
Series: [78046](#)
Category: PCB Headers
Overview: [Milli-Grid™ Connector System](#)

Series image - Reference only

Mates With Part(s):
[78045](#) Crimp Receptacle Housing

Use With:
[50394](#) Crimp Terminals

Part Detail**General**

Status	Contact Molex
Category	PCB Headers
Series	78046
Application	Signal, Wire-to-Board
Comments	Void Pin Location: 8
Overview	Milli-Grid™ Connector System
Product Name	Milli-Grid™

Physical

Breakaway	No
Circuits (Loaded)	9
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
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	Yes
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

Electrical**(Please review the Product Specification for specific details.)**

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

Agency Certification

CSA	LR19980
UL	E29179

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

UPC	800756952284
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Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-78046-001
SD-78046-001

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.

Previously Available Application Tooling

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