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Part Number: [1510621553](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: 2.00mm Pitch Milli-Grid™ Header, Surface Mount, Single Row, Vertical, 0.05µm Gold (Au) Plating, with Peg, with Pick and Place Cap, 3 Circuits, Lead-free

Documents:
[Drawing \(PDF\)](#)
[Product Specification PS-151062-0001 \(PDF\)](#)
[Packaging Specification PK-151062-0001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	PCB Headers
Series	151062
Application	Signal, Wire-to-Board
Comments	See Product Specification for maximum current rating by wire AWG
Overview	Milli-Grid™ Connector System
Product Name	Milli-Grid™
UPC	889056695787
Physical	
Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Material - Resin	Liquid Crystal Polymer
Net Weight	400.739/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.050µm
Plating min - Termination	2.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Pick and Place Cap
Shrouded	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +70°C
Termination Interface: Style	Surface Mount

Electrical	
Current - Maximum per Contact	2.5A
Voltage - Maximum	125V AC



Series image - Reference only

EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Not Contained Per -ED/79/2015 (17 December 2015) Halogen-Free Status 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
	Green Image Not Relevant

Search Parts in this Series
[151062](#) Series

Mates With
Milli-Grid™ Receptacle Housing [151100](#)

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-151062-0001
Product Specification	PS-151062-0001
Sales Drawing	SD-151062-0001

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