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Part Number: [0870890816](#)
Status: **Obsolete**
Overview: milligrd
Description: 2.00mm (.079") Pitch Milli-Grid™ Header, Vertical, 8 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating
Replacement Part Number: [877580816](#)

Documents:
[Drawing \(PDF\)](#)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	87089
Application	Signal, Wire-to-Board
Obsolete Date	2004/11/01
Overview	milligrd
Product Name	Milli-Grid™
Replacement Part Number	877580816

Physical

Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Flammability	94V-0
Glow-Wire Compliant	No
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Thickness - Recommended	1.60mm (.063")
Packaging Type	Tube
Pitch - Mating Interface	2.00mm (.079")
Plating min - Mating	0.381µm (15µ")
Plating min - Termination	1.905µm (75µ")
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C

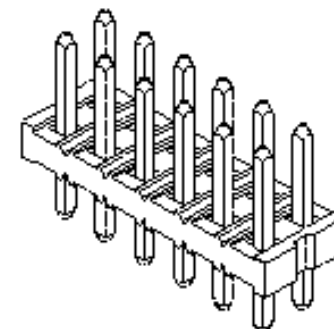
Electrical

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

Solder Process Data

Lead-free Process Capability	Wave Capable (TH only)
Replacement RoHS Compliant Part Number	0877580816

Material Info



Series

image - Reference only

EU RoHS

Not RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[87089Series](#)

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