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Part Number: 0878331020

Status: Active Overview: milligrid

2.00mm (.079") Pitch Milli-Grid™ Header, Right Angle, Shrouded, Lead-free, 10 **Description:**

Circuits, 0.38µm (15µ") Gold (Au) Plating, without PCB Locator, without Locking

Window, Center Polarization Slot, Tube

Documents: 3D Model

Product Specification PS-87831-027 (PDF) Drawing (PDF) RoHS Certificate of Compliance (PDF)

Agency Certification

LR19980 CSA UL E29179

General

Product Family PCB Headers Series 87833 Wire-to-Board Application

Contact Molex for application in automotive industry Comments

MolexKits Yes Overview milligrid Milli-Grid™ **Product Name**

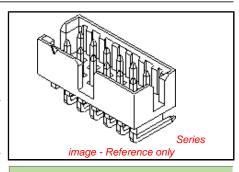
Physical

Breakaway No Circuits (Loaded) 10 Circuits (maximum) 10 Color - Resin Black Durability (mating cycles max) 100 First Mate / Last Break No 94\/-0 Flammability Glow-Wire Compliant No Guide to Mating Part Nο Keying to Mating Part None Lock to Mating Part None

Material - Metal Phosphor Bronze

Material - Plating Mating Gold Material - Plating Termination Material - Resin Nylon Number of Rows

Right Angle Orientation PC Tail Length (in) 0.085 In PC Tail Length (mm) 2.16 mm PCB Locator No **PCB** Retention None PCB Thickness Recommended (in) 0.062 In PCB Thickness Recommended (mm) 1.60 mm Packaging Type Tube Pitch - Mating Interface (in) 0.079 In Pitch - Mating Interface (mm) 2.00 mm Pitch - Term. Interface (in) 0.079 In Pitch - Term. Interface (mm) 2.00 mm Plating min: Mating (µin) 15 Plating min: Mating (µm) 0.38 Plating min: Termination (µin) 75



China RoHS

EU RoHS ELV and RoHS

Compliant **REACH SVHC** Contains SVHC: No Halogen-Free

Status Not Halogen-Free

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

87833 Series

Mates With

50394 Wire-to-Board Terminals. 51110 Wire-to-Board Crimp Housing. 87568 Wireto-Board IDT Housings. 79107 Board-to-Board Top Entry Through Hole Receptacle. 79108 Board-to-Board FFC/FPC Top Entry Through Hole Receptacle. L

Plating min: Termination (µm) 1.88
Polarized to Mating Part Center Slot
Polarized to PCB No
Shrouded Fully
Stackable No
Surface Mount Compatible (SMC) Yes

Temperature Range - Operating -55°C to +105°C
Termination Interface: Style Through Hole

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds) 11

Lead-free Process Capability SMC & Wave Capable (TH only)

Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 265

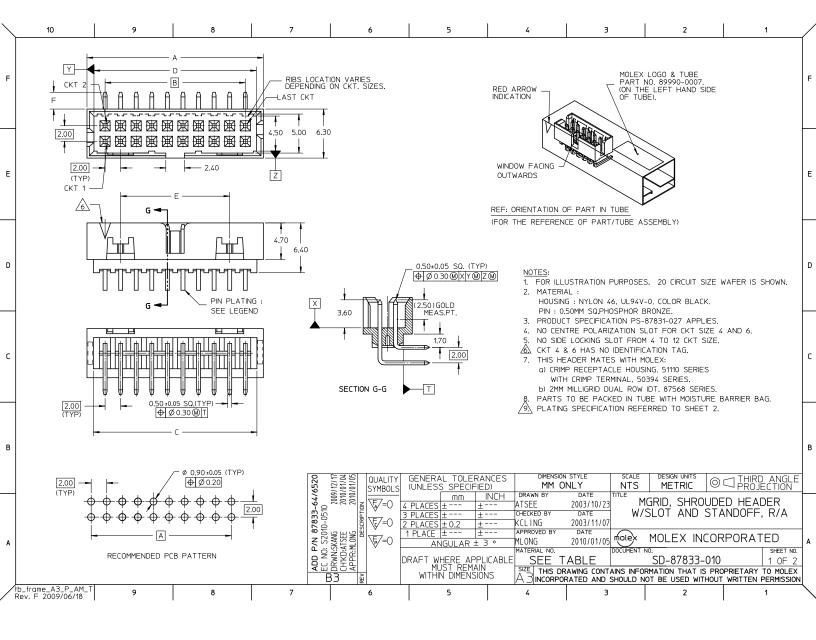
Material Info

Reference - Drawing Numbers

Product Specification PS-87831-027 Sales Drawing SD-87833-010

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