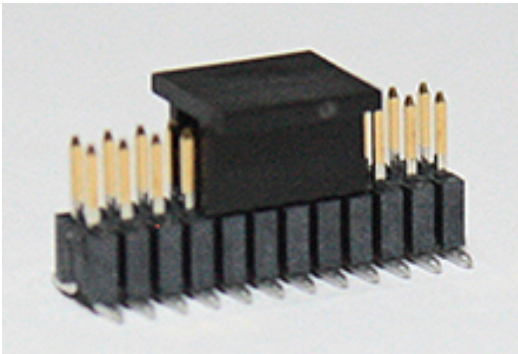




Part Number : [879330623](#)
Product Description : Slim-Grid Header, 6 Circuits, Surface Mount, Vertical, Unshrouded, 0.05µm Select Gold (Au) Plated, with Pick-and-Place Cap, Tube, Lead-Free
Series Number : 87933
Status : Active
Product Category : Board-to-Board Connectors



Documents & Resources

Drawings
[879330623_sd.pdf](#)
[PK-87933-300-000.pdf](#)
[PK-89990-565-000.pdf](#)

Specifications
[879330001-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Series	87933
Description	Slim-Grid Header, 6 Circuits, Surface Mount, Vertical, Unshrouded, 0.05µm Select Gold (Au) Plated, with Pick-and-Place Cap, Tube, Lead-Free
Application	Board-to-Board, Signal
Comments	4.3 Amps per Pole with only 1 contact powered up; 1.4 Amps per Pole with max contacts powered up
Component Type	PCB Header
Product Name	Slim-Grid
UPC	191128056373

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	1.4A
Voltage - Maximum	125V AC

Physical

Breakaway	Yes
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	500
First Mate / Last Break	No

Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	0.102/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PCB Locator	No
PCB Retention	None
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.051µm
Plating min - Termination	2.540µm
Polarized to Mating Part	No
Polarized to PCB	No
Robotic Placement	Pick and Place Cap
Shrouded	No
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	11
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Slim-Grid Vertical Receptacles	<u>78120</u>

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