

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0878580750

Status:

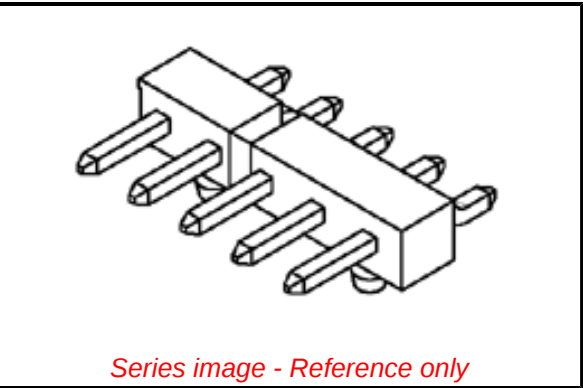
Active

Overview:

Milli-Grid Connector System

Description:

2.00mm Pitch Milli-Grid Breakaway Header, Surface Mount, Single Row, Parallel, 2.54µm Tin (Sn) Plating, without Peg, with Pick-and-Place Polyimide Tape, Mating Pin Length 3.20mm , 7 Circuits, Lead-Free



Documents:	
3D Model	Packaging Specification PK-87858-300-000 (PDF)
Drawing (PDF)	Test Summary 877610000-TS-000 (PDF)
Product Specification PS-87761-100-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	PCB Headers
Series	87858
3D Viewer	Yes
Application	Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	2.0
Overview	Milli-Grid Connector System
PITCH-MATING-NUMERIC	2.00
Product Name	Milli-Grid
UPC	883906047849
Physical	
Breakaway	Yes
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Black
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
Mated Height	3.20mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin over Nickel
Material - Plating Termination	Tin over Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	0.263/g
Number of Rows	1
Orientation	Parallel
PC Tail Length	2.80mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	2.540µm
Polarized to Mating Part	No
Polarized to PCB	Yes
Shrouded	No
Stackable	No

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/71/2019 (16 July 2019)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

87858 Series

Mates With

2.00mm Single Row Receptacles

Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	2.0A
Voltage - Maximum	125V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-87858-300-000
Product Specification	PS-87761-100-001
Sales Drawing	SD-87858-022
Test Summary	877610000-TS-000

This document was generated on 10/02/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

[87858-0750](#) [87858-0751](#)