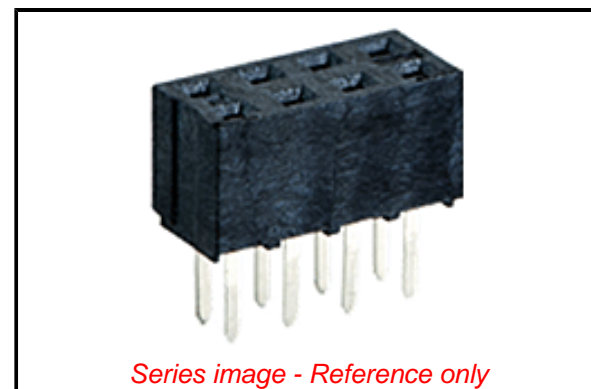


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0787871854](#)
Status: **Active**
Overview: Milli-Grid Connector System
Description: 2.00mm Pitch Milli-Grid Receptacle, Vertical, Through Hole, Dual Row, 1.91mm Tail Length, Tin Plating, 18 Circuits, Lead-Free

Documents:

3D Model	Application Specification 503940001-AS-000 (PDF)
Drawing (PDF)	Packaging Specification PK-78787-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-78787-001-001 (PDF)	



Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Receptacles
Series	78787
Application	Board-to-Board, Signal
Overview	Milli-Grid Connector System
Product Name	Milli-Grid
UPC	889056405805

Physical

Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Black
Durability (mating cycles max)	30
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	Tin
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	0.522/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	1.91mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	0.80mm
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	2.500µm
Plating min - Termination	2.500µm
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	0° to +105°C
Termination Interface: Style	Through Hole

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[78787](#) Series

Mates With

Milli-Grid Header [87758](#) , [87759](#) , [87760](#) ,
[87831](#) , [87832](#) , [87833](#)
 Milli-Grid Low-
Halogen Header [151117](#) , [151118](#) , [151119](#) ,
[151120](#)

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	125V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Application Specification	503940001-AS-000
Packaging Specification	PK-78787-001
Product Specification	PS-78787-001-001
Sales Drawing	SD-78787-001-001

This document was generated on 09/29/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION