Part Number : 787883814

Product Description : Milli-Grid Receptacle, Surface Mount, Vertical, Top Entry, with Plastic Pegs, without Cap, Tube, 2.50µm Tin (Sn), 38 Circuits, Lead-Free

Series Number : 78788

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

Drawing_787883814_sd.pdf

Packaging Design Drawing_PK-78788-004-001.pdf

3D Models and Design Files

3D Model_787883814_stp.zip

Specifications

Application Specification_503940001-AS-000.pdf

Product Specification_PS-78788-001-001.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(2023)8585-DC (23 Jan 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	PCB Headers and Receptacles
Series	78788
Description	Milli-Grid Receptacle, Surface Mount, Vertical, Top Entry, with Plastic Pegs, without Cap, Tube, 2.50µm Tin (Sn), 38 Circuits, Lead-Free
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Family	Milli-Grid Connector System
Product Name	Milli-Grid
UPC	889056469302

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Circuits (Loaded)	38
Circuits (maximum)	38
Color - Resin	Black
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Capable	No

Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.074/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	None
Pitch - Mating Interface	2.00mm
Plating min - Mating	2.500µm
Polarized to Mating Part	No
Polarized to PCB	No
Robotic Placement	None
Temperature Range - Operating	0° to +105°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Milli-Grid Vertical Through Hole Headers	87758
Milli-Grid Vertical Surface Mount Headers	87759
Milli-Grid Right-Angle Through Hole Headers	87760
Milli-Grid Vertical, Dual Row, Through Hole Headers	87831

Milli-Grid Vertical, Dual Row, Surface Mount Headers	87832
Milli-Grid Right-Angle Dual Row Through Hole Headers	87833
Milli-Grid Vertical, Dual Row, Through Hole Headers	151117
Milli-Grid Vertical, Dual Row, Surface Mount Headers	151118
Milli-Grid Right-Angle, Dual Row, Through Hole Headers	151119
Milli-Grid Right-Angle, Dual Row, Surface Mount Headers	151120