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Part Number: [0787883613](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: Milli-Grid Receptacle, Surface Mount, Vertical, Top Entry, with Plastic Pegs, with Cap, Tube, 2.50µm Tin (Sn), 36 Circuits, Lead-Free

Documents:	
3D Model	Application Specification 503940001-AS-000 (PDF)
3D Model (PDF)	Packaging Specification PK-78788-003-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification PS-78788-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Receptacles
Series	78788
Application	Board-to-Board, Signal
Overview	Milli-Grid Connector System
Product Name	Milli-Grid
UPC	889056469272
Physical	
Circuits (Loaded)	36
Circuits (maximum)	36
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	1.018/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Plating min - Mating	2.500µm
Polarized to Mating Part	No
Polarized to PCB	No
Robotic Placement	Pick and Place Cap
Temperature Range - Operating	0° to +105°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	1.0A
Voltage - Maximum	125V AC (RMS)/DC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2021)4569-DC (8 July 2021)	
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
[78788](#) Series

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

Material Info

Reference - Drawing Numbers

Application Specification	503940001-AS-000
Packaging Specification	PK-78788-003-001
Product Specification	PS-78788-001-001
Sales Drawing	SD-78788-001-001

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