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Part Number:

0791091070

Status:

Active

Overview:

Milli-Grid Connector System

Description:

Milli-Grid Receptacle, Surface Mount, Vertical, Top/Bottom Entry, without Press-fit Plastic Pegs, without Cap, Tube, 0.75µm Gold (Au) Selective, 42 Circuits, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-79107-001 (PDF)

Packaging Specification PK-70873-0259-001 (PDF)

Test Summary TS-79109-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Receptacles
Series		79109
Application		Board-to-Board, Signal
Overview		Milli-Grid Connector System
Product Name		Milli-Grid
UPC		822348490981

Physical		
Circuits (Loaded)		42
Circuits (maximum)		42
Color - Resin		Black
Durability (mating cycles max)		50
Flammability		94V-0
Glow-Wire Capable		No
Lock to Mating Part		None
Material - Metal		Phosphor Bronze
Material - Plating Mating		Gold
Material - Plating Termination		Tin
Material - Resin		High Temperature Thermoplastic
Net Weight		1.104/g
Number of Rows		2
Orientation		Vertical
PCB Locator		No
PCB Retention		None
Packaging Type		Tube
Pitch - Mating Interface		2.00mm
Plating min - Mating		0.762µm
Plating min - Termination		1.905µm
Polarized to PCB		No
Temperature Range - Operating		-55° to +105°C
Termination Interface: Style		Surface Mount

Electrical		
Current - Maximum per Contact		1.0A
Voltage - Maximum		125V

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 - 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

79109 Series

Mates With

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

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-0259-001
Product Specification	PS-79107-001
Sales Drawing	SDA-79109-XXXX-001
Test Summary	TS-79109-001-001

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