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Part Number: [0791098607](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: Milli-Grid™ Receptacle, Surface Mount, Vertical, Top/Bottom Entry, with Press-fit Plastic Pegs, with Cap, Embossed Tape on Reel, 0.38µm Gold (Au) Selective, 16 Circuits, Lead-Free

Documents:
[3D Model](#) [Packaging Specification PK-70873-0259 \(PDF\)](#)
[Drawing \(PDF\)](#) [Test Summary TS-79109-001-001 \(PDF\)](#)
[Product Specification PS-79107-001 \(PDF\)](#) [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	822348492794
Physical	
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	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	0.454/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Polarized to PCB	No
Temperature Range - Operating	-55°C 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/21/2016 (20 June
2016)
Halogen-Free
Status
Not Low-Halogen
**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

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
Product Specification	PS-79107-001
Sales Drawing	SDA-79109-****, SDA-79109-XXXX
Test Summary	TS-79109-001-001

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