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Part Number:

0511100851

Status:

Active

Overview:

Milli-Grid Connector System

Description:

2.00mm Pitch, Milli-Grid Receptacle Housing, 8 Circuits, with Center Polarization Key, without Locking Ramp, Lead-Free



Series image - Reference only

Documents:	
3D Model	Application Specification 503940001-AS-000 (PDF)
3D Model (PDF)	Packaging Specification PK-51110-300-001 (PDF)
Drawing (PDF)	Brochure (PDF)
Product Specification PS-51110-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
Application tooling part link		
Application Tooling Part Link		63824-2800
General		
Product Family		Crimp Housings
Series		51110
Application		Signal, Wire-to-Board
Comments		Applicable Wire Ranges: 24-30 AWG (series 50394 terminal) and 22-28 AWG (series 87396 terminal)
Overview		Milli-Grid Connector System
Product Name		Milli-Grid
Taxonomy		Connector Housings
UPC		800753574151
Physical		
Circuits (maximum)		8
Color - Resin		Black
Flammability		94V-0
Gender		Receptacle
Glow-Wire Capable		No
Keying to Mating Part		Yes
Lock to Mating Part		Yes
Material - Resin		Polyester
Net Weight		0.157/g
Number of Rows		2
Packaging Type		Bag
Panel Mount		No
Pitch - Mating Interface		2.00mm
Pitch - Termination Interface		2.00mm
Polarized to Mating Part		Yes
Stackable		No
Temperature Range - Operating		-40° to +105°C
Material Info		
Reference - Drawing Numbers		
Application Specification		503940001-AS-000
Packaging Specification		PK-51110-300-001
Product Specification		PS-51110-001-001
Sales Drawing		SD-51110-XX5X-001

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
Halogen-Free	
Status	
Not 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

51110 Series

Mates With

Milli-Grid Headers [87758](#) , [87759](#) , [87760](#) , [87831](#) , [87832](#)
Milli-Grid BMI Header [151013](#)
Milli-Grid Low-Halogen Headers [151117](#) , [151118](#) , [151119](#) , [151120](#)

Use With

Milli-Grid Crimp Terminals [50394](#) , [87396](#)
 Milli-Grid Pre-Crimped Leads [797581095](#) , [797581096](#)

Application Tooling | [FAQ](#)

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
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