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Part Number: **0511101850**
Status: **Active**
Overview: Milli-Grid Connector System
Description: 2.00mm Pitch, Milli-Grid Receptacle Housing, 18 Circuits, without Center Polarization Key, without Locking Ramp, Lead-Free

Documents:

3D Model	Application Specification 503940001-AS-000 (PDF)
Drawing (PDF)	Packaging Specification PK-51110-300-001 (PDF)
3D Model (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
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General

Product Family	Crimp Housings
Series	<u>51110</u>
Application	Signal, Wire-to-Board
Comments	Applicable Wire Ranges: 24-30 AWG (series <u>50394</u> terminal) and 22-28 AWG (series <u>87396</u> terminal)
Overview	<u>Milli-Grid Connector System</u>
Product Name	Milli-Grid
UPC	800753573871

Physical

Circuits (maximum)	18
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	0.382/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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 #

Extractor Tool
for Milli-Grid 2.0
Housings

638242800

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