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Part Number: [0511102451](#)
Status: **Active**
Overview: [milligrid](#)
Description: 2.00mm (.079") Pitch, Milli-Grid™ Crimp Housing, 24 Circuits, with Center Polarization Key, with Locking Ramp, Leadfree

Documents:

3D Model	Product Specification PS-51110-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	51110
Comments	Applicable Wire Range: AWG #24 - #30
Overview	milligrid
Product Literature Order No	987650-1991
Product Name	Milli-Grid™

Physical

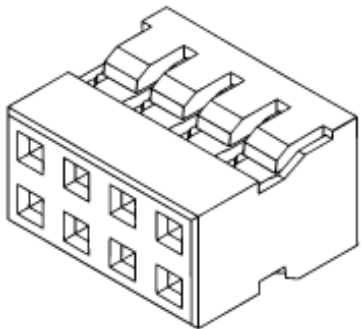
Circuits (maximum)	24
Color - Resin	Black
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Polarized to Mating Part	Yes
Stackable	Yes
Temperature Range - Operating	-40°C to +105°C

Material Info

Old Part Number	859993687
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Reference - Drawing Numbers

Product Specification	PS-51110-001
Sales Drawing	SD-51110-**5*



Series
image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
**Halogen-Free
Status**

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

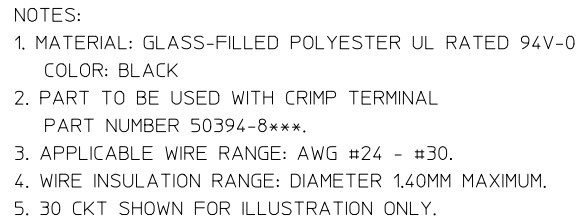
Search Parts in this Series
[51110Series](#)

Mates With

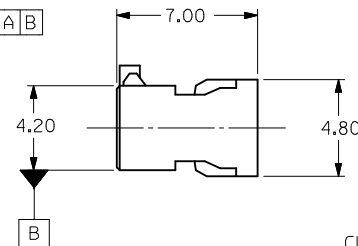
[87758](#) Vertical, Through Hole, Stackable
PCB Header, [87759](#) Vertical, Surface
Mount, Stackable PCB Header, [87760](#)
Right Angle, Through Hole, Stackable PCB
Header, [87831](#) Vertical, Through Hole PCB
Header, [87832](#) Vertical, Surface Mount PCB
Header, [87833](#) Right Angle, Through Hole
PCB Header

Use With

[50394](#) Crimp Terminals



PART NO.	CKT SIZE	DIM X	DIM Y	DIM Z
51110-045*	4	2.00	4.20	NA
51110-065*	6	4.00	6.20	NA
51110-085*	8	6.00	8.20	NA
51110-105*	10	8.00	10.20	NA
51110-125*	12	10.00	12.20	NA
51110-145*	14	12.00	14.20	8.00
51110-165*	16	14.00	16.20	10.00
51110-185*	18	16.00	18.20	12.00
51110-205*	20	18.00	20.20	14.00
51110-225*	22	20.00	22.20	16.00
51110-245*	24	22.00	24.20	18.00
51110-265*	26	24.00	26.20	20.00
51110-285*	28	26.00	28.20	22.00
51110-305*	30	28.00	30.20	24.00
51110-325*	32	30.00	32.20	26.00
51110-2252	22	20.00	22.20	NA



PART NUMBER LEGEND:

51110-**5*

CIRCUIT SIZE — 0 - WITHOUT CENTER POLARIZATION
KEY AND SIDE LATCH.

1 - WITH CENTER POLARIZATION KEY
AND SIDE LATCH.
(14 TO 32 CIRCUITS ONLY)
WITH CENTER POLARIZATION KEY ONLY.
(8 TO 12 CIRCUITS ONLY)

2 - WITH CENTER POLARIZATION KEY ONLY.
(22 CIRCUITS ONLY)

PDR#CZ00905064 EC NO: S2009-0969 DRAWN:SKANG CHKD:ATSEE APPR:MLONG B5	2009/06/17 2009/06/29 2009/06/29	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
					mm	INCH	DRAWN BY SKTOH	DATE 1993/10/26	TITLE 2MM GRID, WIRE TO BOARD CONNECTOR, CRIMP RECEPT. HOUSING	
				4 PLACES	± ---	± ---	CHECKED BY	DATE		
				3 PLACES	± ---	± ---	EDPOH	1993/10/26		
				2 PLACES	± 0.20	± ---	APPROVED BY	DATE		
				1 PLACE	± ---	± ---	JMCHAN	1993/10/26	MOLEX INCORPORATED	
				ANGULAR ± 3 °		MATERIAL NO.	DOCUMENT NO.		SHEET NO. 1 OF 1	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-51110-**5*		
						SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			