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Part Number: [0511101651](#)
Status: **Active**
Overview: [milligrid](#)
Description: 2.00mm (.079") Pitch, Milli-Grid™ Crimp Housing, 16 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
MolexKits Yes
Overview [milligrid](#)
Product Literature Order No 987650-1991
Product Name Milli-Grid™

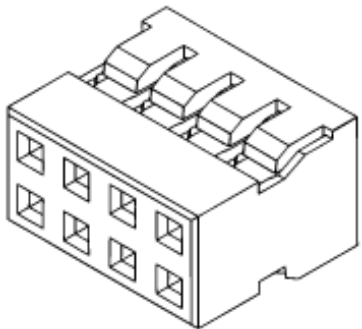
Physical

Circuits (maximum) 16
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

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.

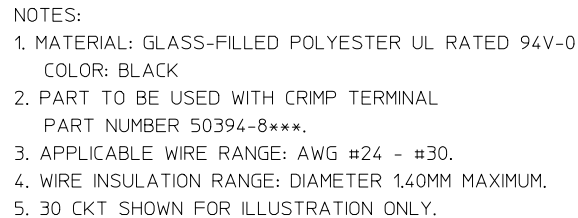
Search Parts in this Series
[51110Series](#)

Mates With

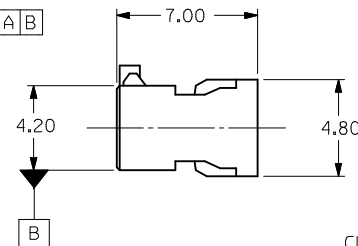
[87758](#) Vertical, Through Hole, Stackable PCB Header, [87759](#) Vertical, Surface Mount, Stackable PCB Header, [87760](#) Right Angle, Through Hole, Stackable PCB Header, [87831](#) Vertical, Through Hole PCB Header, [87832](#) Vertical, Surface Mount PCB Header, [87833](#) Right Angle, Through Hole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

REV	DESCRIPTION
APPR:MLONG	2009/06/29
CHKD:ATSEE	2009/06/29
DRWN:SKANG	2009/06/17
EC NO: S2009-0969	
PDR#C200905064	

QUALITY SYMBOLS	
	=0
	=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± .---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± ---	± ---
ANGULAR ± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
SKTOH	1993/10/26
CHECKED BY	DATE
EDPOH	1993/10/26
APPROVED BY	DATE
JMCHAN	1993/10/26
MATERIAL NO.	
SEE TABLE	
SIZE	THIS DRAWING CONT INCORPORATED AND
A3	

SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
TITLE 2MM GRID, WIRE TO BOARD CONNECTOR, CRIMP RECEPT. HOUSING		
 MOLEX INCORPORATED		
DOCUMENT NO. SD-51110-***5*		SHEET NO. 1 OF 1

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