

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0511101060](#)  
**Status:** **Active**  
**Overview:** milligrid  
**Description:** 2.00mm (.079") Pitch, Milli-Grid™ Crimp Housing, 10 Circuits, without 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™

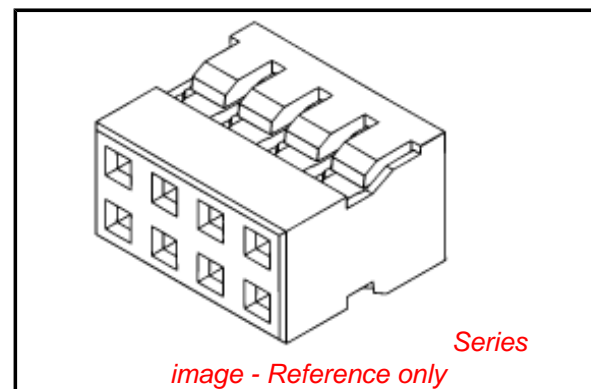
**Physical**

Circuits (maximum) 10  
 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-\*\*60



**EU RoHS**

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

**China RoHS**



**Not Halogen-Free**

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

Email [productcompliance@molex.com](mailto: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**

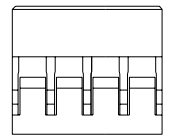
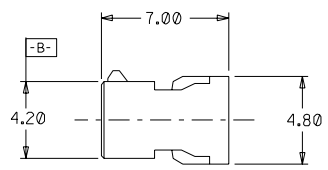
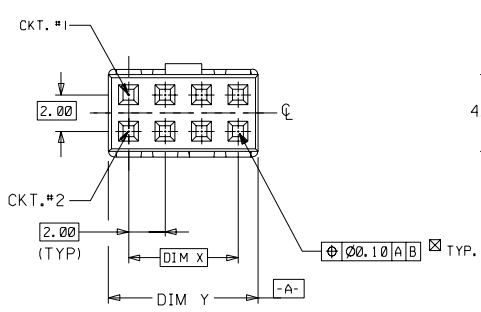
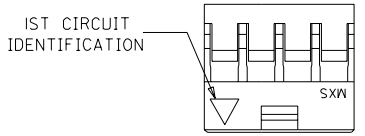
[87758](#) Vertical, Through Hole, Stackable PCB Header, [87759](#) Vertical, Surface Mount, Stackable PCB Header, [87760](#) Right Angle, Through Hole, Stackable PCB Header, [87831](#) Vertical, Through Hole PCB Header, [87832](#) Vertical, Surface Mount PCB Header, [87833](#) Right Angle, Through Hole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

**Use With**

[50394](#) Crimp Terminals

| PART NUMBER | CKT SIZE | DIM X | DIM Y |
|-------------|----------|-------|-------|
| 51110-0460  | 4        | 2.00  | 4.20  |
| 51110-0660  | 6        | 4.00  | 6.20  |
| 51110-0860  | 8        | 6.00  | 8.20  |
| 51110-1060  | 10       | 8.00  | 10.20 |
| 51110-1260  | 12       | 10.00 | 12.20 |

DWG. NO. SD 51110-\*\*-60  
CAD FILE S5111060.DGN



**LEGEND:**

51110 - \*\*60  
└───┬───┘  
    |  
    | CKT SIZE

**NOTES:**

1. FOR ILLUSTRATION PURPOSES, 8 CKT SIZE HSG. IS SHOWN.
2. PARTS TO BE USED WITH CRIMP TERMINAL PART NUMBER 50394-8\*\*\*.
3. APPLICABLE WIRE RANGE : AWG #24 - #30.
4. WIRE INSULATION RANGE : DIAMETER 1.40MM MAXIMUM.

**MM**

DO NOT SCALE DRAWING

|                                  |                        |        |          |                                                                       |                 |                                                                                                                                                                               |             |
|----------------------------------|------------------------|--------|----------|-----------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|                                  |                        |        |          | MATERIAL :<br>GLASS-FILLED POLYESTER<br>UL RATED 94V-0<br>COLOR BLACK |                 | <b>MOLEX SINGAPORE PTE LTD</b><br>SHEET   OF  <br>GENERAL TOLERANCES ± 0.20/0.008<br>DWG. NO. SD   51110-**-60<br>TITLE : 2MM GRID, WIRE-TO-BOARD CONN. CRIMP RECEPTACLE HSG. |             |
|                                  |                        |        |          | FINISH : _____                                                        |                 |                                                                                                                                                                               |             |
| A                                | REL PER PDR*95-04-0029 | S60074 | SEE JACK | 950815                                                                | DRAWN BY 950815 |                                                                                                                                                                               | CHK'D BY    |
| I                                | PROPOSAL ONLY          |        |          | 950522                                                                | APPR'D BY       |                                                                                                                                                                               | SCALE 4 : 1 |
| LTR                              | REVISION RECORD        | ECN    | DR       | CHK                                                                   | DATE            |                                                                                                                                                                               |             |
| <b>REVISE ONLY ON CAD SYSTEM</b> |                        |        |          |                                                                       |                 |                                                                                                                                                                               |             |