

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

**Part Number:** [0511101053](#)  
**Status:** **Active**  
**Overview:** milligrd  
**Description:** 2.00mm (.079") Pitch, Milli-Grid™ Crimp Housing, 9 Circuits (Circuit 1 void), without Center Polarization Key, without Locking Ramp, Leadfree

**Documents:**

[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 [milligrd](#)  
 Product Name Milli-Grid™

**Physical**

Circuits (maximum) 9  
 Circuits Detail Circuit No. 1 is Void  
 Color - Resin Black  
 Flammability 94V-0  
 Gender Female  
 Glow-Wire Compliant No  
 Lock to Mating Part None  
 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**

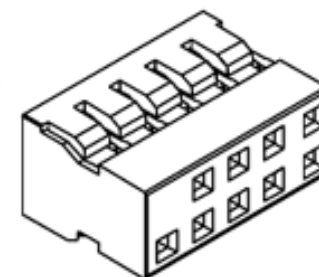


image - Reference only

Series

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Halogen-Free Status**  
 Not Reviewed

**China RoHS**



**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](#)

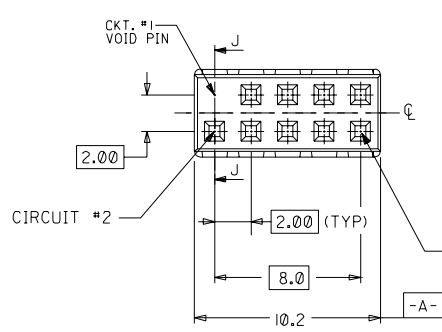
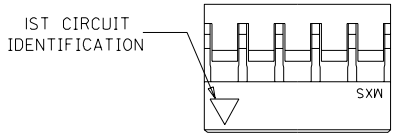
**Mates With**

[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

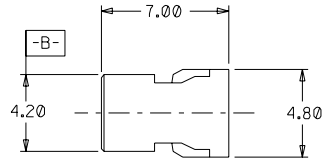
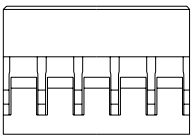
**Use With**

[50394-8\\*\\*\\*](#) Crimp Terminals

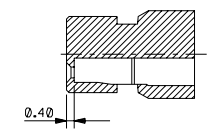
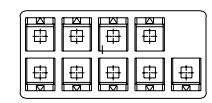
DWG. NO. SD 51110-1053  
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 DO NOT SCALE DRAWING



$\varnothing \varnothing 0.10 \text{ A B} \square \text{ TYP.}$

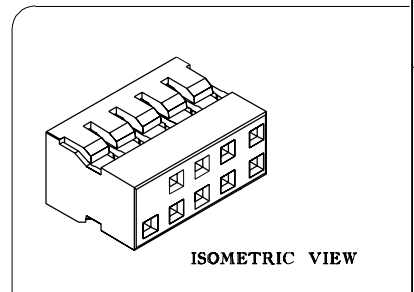


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**NOTES:**

1. PART TO BE USED WITH CRIMP TERMINAL PART NUMBER 50394-8\*\*\*.
2. APPLICABLE WIRE RANGE : AWG #24 - #30.
3. WIRE INSULATION RANGE : DIAMETER 1.40MM MAXIMUM.



				MATERIAL : GLASS-FILLED POLYESTER UL RATED 94V-0 COLOR BLACK		<b>MOLEX SINGAPORE PTE LTD</b> SHEET   OF	
				FINISH : _____		GENERAL TOLERANCES ± 0.20 / 008 DWG. NO. : SD   51110-1053 REV B	
B	REVISE VOID	S50044	S.O.	940727	DRAWN BY STEVEN 940517		
A	RELEASE TO SALES	S40565	S.O.	940517	CHK'D BY JAMES		
LTR	REVISION RECORD	ECN	DR	CHK	DATE	APPR'D BY G.M. SIMMEL	SCALE 4 : 1
<b>REVISE ONLY ON CAD SYSTEM</b>						TITLE : 2MM GRID, WIRE-TO-BOARD CONN, CRIMP RECEPTACLE HSC.	