

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

**Part Number:** [0510050200](#)  
**Status:** **Active**  
**Description:** 2.00mm (.079") Pitch Wire-to-Wire Receptacle Housing, 2 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-51005-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Crimp Housings  
 Series [51005](#)  
 MolexKits Yes  
 Product Name N/A

**Physical**

Circuits (maximum) 2  
 Color - Resin Natural  
 Flammability 94V-0  
 Gender Female  
 Glow-Wire Compliant No  
 Lock to Mating Part None  
 Material - Resin Polyester  
 Number of Rows 1  
 Packaging Type Bag  
 Panel Mount No  
 Pitch - Mating Interface (in) 0.079 In  
 Pitch - Mating Interface (mm) 2.00 mm  
 Stackable No  
 Temperature Range - Operating -40°C to +105°C

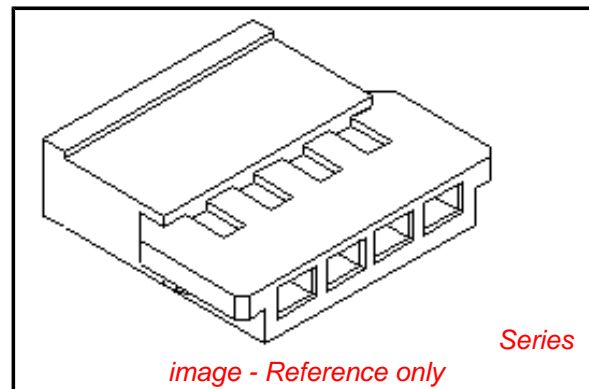
**Electrical**

Current - Maximum per Contact 2A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification SPK-51005-001  
 Product Specification PS-51005-001, RPS-51005-001, RPS-51005-002  
 Sales Drawing SD-51005-001



*image - Reference only*

**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**

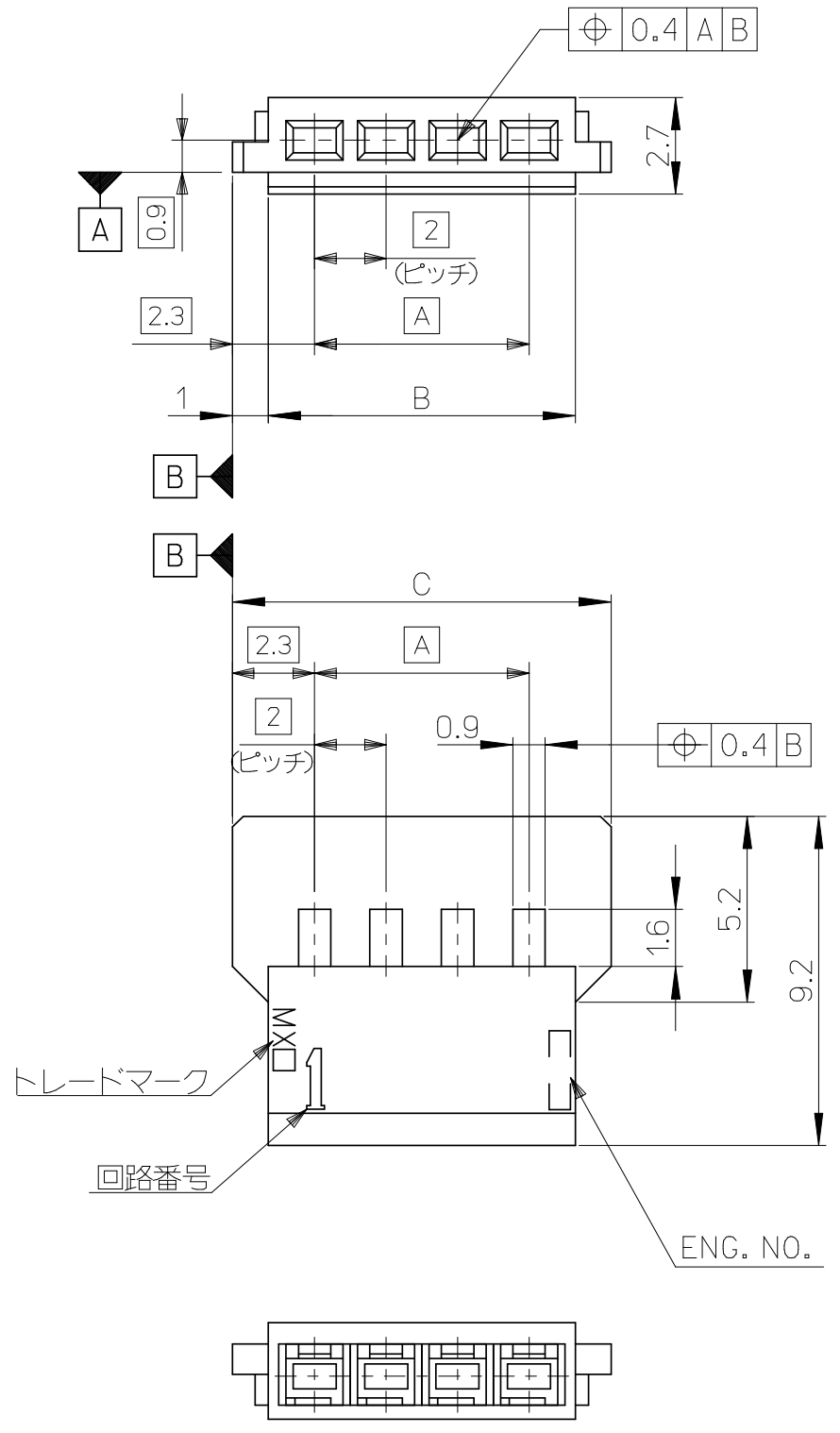
[51005Series](#)

**Mates With**

[51006](#) male housing

**Use With**

[50013](#)



注記

1. 嵌合相手 : 51006  
MATE WITH : 51006
2. 適合ターミナル : 50013  
APPLICABLE TERMINAL : 50013
3. 製品番号表記例  
MATERIAL NO.  
51005 - \*\*0\*  

極数	色	自然色 (白)	0
CIRCUIT	COLOR	NATURAL	
		黒	1
		BLACK	
		赤	2
		RED	
4. ELV 及び RoHS適合品  
ELV AND RoHS COMPLIANT.

10.6	8.6	6	51005-0402	4
6.6	4.6	2	51005-0202	2
C	B	A	MATERIAL NO.	極数
色 : 赤 / COLOR : RED				
6.6	4.6	2	51005-0201	2
C	B	A	MATERIAL NO.	極数
色 : 黒 / COLOR : BLACK				
12.6	10.6	8	51005-0500	5
10.6	8.6	6	↑ -0400	4
8.6	6.6	4	↓ -0300	3
6.6	4.6	2	51005-0200	2
C	B	A	MATERIAL NO.	極数
色 : 自然色 (白) / COLOR : NATURAL (WHITE)				

MATERIAL  
PBTP (UL94V-0)

REVISED EC NO: J2008-2082 DRWN: MNABEI 2007/11/22 CHKD: KTOYODA 2007/11/26 APPR: NUKITA 2007/11/27	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER	±0.3	DRAWN BY K. SETO	DATE '04/04/27	TITLE 2.0 WIRE TO WIRE CONN. RECEPTACLE HOUSING			
		10 OVER 30 UNDER	±0.4	CHECKED BY H. TAKASE	DATE '04/04/27				
		30 OVER	±0.5	APPROVED BY J. MIYAZAWA	DATE '04/04/27				
		ANGULAR ±--- °		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-51005-001		SHEET NO. 1 OF 1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						