

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

**Part Number:** **0511630200**  
**Status:** **Active**  
**Description:** 2.50mm (.098") Pitch Wire-to-Board Receptacle Housing, Positive Lock, With Retainer, 2 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-51163-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Crimp Housings  
 Series [51163](#)  
 Product Name N/A

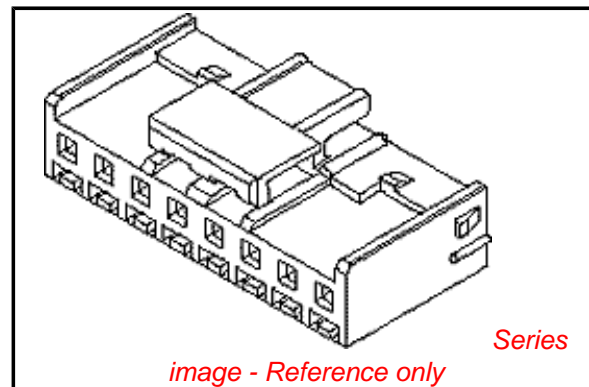
**Physical**

Circuits (maximum) 2  
 Color - Resin Natural  
 Flammability 94V-0  
 Gender Female  
 Glow-Wire Compliant No  
 Material - Resin Polyester  
 Number of Rows 1  
 Packaging Type Bag  
 Panel Mount No  
 Pitch - Mating Interface (in) 0.098 In  
 Pitch - Mating Interface (mm) 2.50 mm  
 Stackable No  
 Temperature Range - Operating -40°C to +105°C

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-51163-001, RPS-51103-047, RPS-51103-050  
 Sales Drawing SD-51163-001



**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**

[51163Series](#)

**Mates With**

[53375](#) , [53426](#)

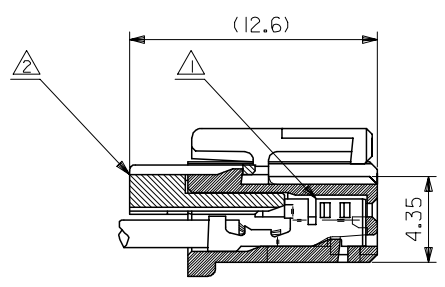
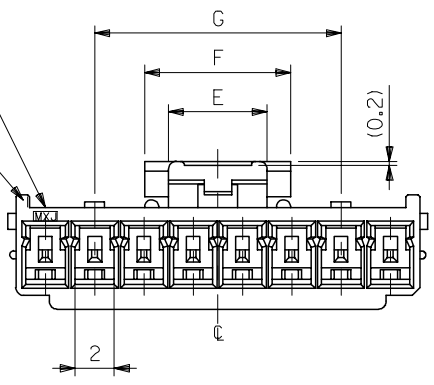
**Use With**

[50351](#) , [50752](#) , [51164](#)

10 9 8 7 6 5 4 3 2 1

トレードマーク  
TRADE MARK

回路番号 1  
CIRCUIT NO.1

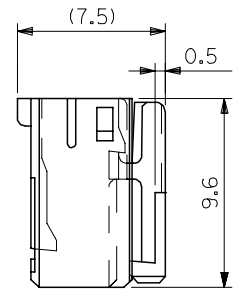
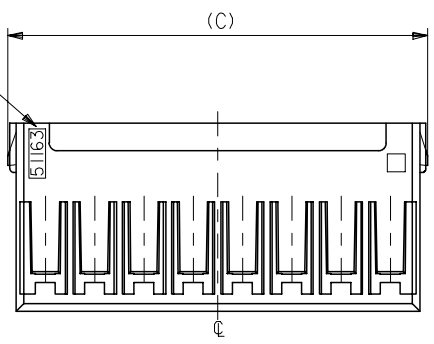


ターミナル及びリテーナー装着状態図  
TERMINAL AND RETAINER ASSEMBLY DRAWING

注記 NOTES

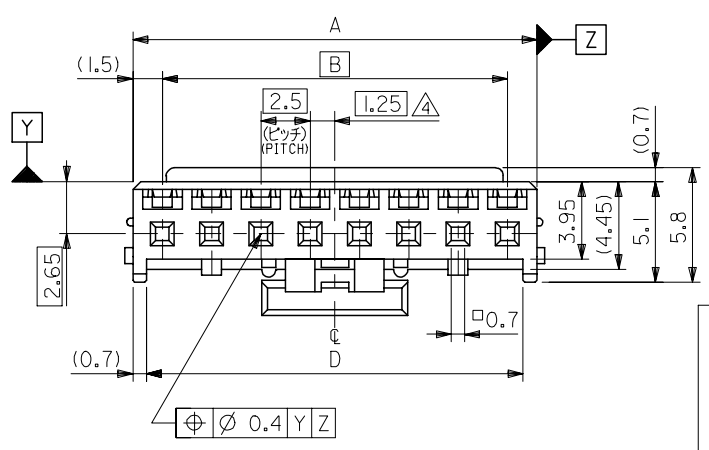
- △ 適合ターミナル：50752-8\*00  
APPLICABLE TERMINAL：50752-8\*00
- △ 適合リテーナー：51164-\*\*05  
APPLICABLE RETAINER：51164-\*\*05
- 3. 嵌合相手：53375,53376,53388,53389,53426 シリーズ  
MATE WITH：53375,53376,53388,53389,53426 SERIES
- △ 偶数極の製品に適用。  
APPLY EVEN CIRCUIT PRODUCTS.

製品番号  
ENG. NO.



3-15 極に適用  
FOR 3-15 CKTS.

						青 BLUE	赤 RED	黒 BLACK	白 NATURAL	COLOR	
12.5	7.4	5	36.6	38.8	35	38	51163-1504	51163-1502	51163-1501	51163-1500	15
12.5			34.1	36.3	32.5	35.5	-1404	-1402	-1401	-1400	14
12.5			31.6	33.8	30	33	-1304	-1302	-1301	-1300	13
12.5			29.1	31.3	27.5	30.5	-1204	-1202	-1201	-1200	12
12.5			26.6	28.8	25	28	-1104	-1102	-1101	-1100	11
12.5			24.1	26.3	22.5	25.5	-1004	-1002	-1001	-1000	10
12.5			21.6	23.8	20	23	-0904	-0902	-0901	-0900	9
12.5			19.1	21.3	17.5	20.5	-0804	-0802	-0801	-0800	8
			16.6	18.8	15	18	-0704	-0702	-0701	-0700	7
			14.1	16.3	12.5	15.5	-0604	-0602	-0601	-0600	6
			11.6	13.8	10	13	-0504	-0502	-0501	-0500	5
			9.1	11.3	7.5	10.5	-0404	-0402	-0401	-0400	4
			6.6	8.8	5	8	51163-0304	51163-0302	51163-0301	51163-0300	3
G	F	E	D	(C)	B	A	MATERIAL NO.	MATERIAL NO.	MATERIAL NO.	MATERIAL NO.	NO. OF CKT



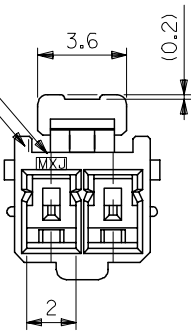
MATERIAL  
PBTP, UL94V-0  
SEE CHART

REVISED EC NO: J2005-1394 DRAWN: SASAMOR CHKD: K. TOJO APPR: NUKITA	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	10 UNDER ±0.2	10 OVER 30 UNDER ±0.25	30 OVER ±0.3	DRAWN BY J. SASAMO	DATE 2004/8/31	TITLE 2.5 WIRE TO BOARD CONN. HOUSING (POSITIVE LOCK) WITH RETAINER			
	ANGULAR ±3 °			CHECKED BY K. TOJO	DATE 2004/8/31	MOLEX INCORPORATED			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPROVED BY N. UKITA	DATE 2004/8/31	MATERIAL NO. 51163-***0*	DOCUMENT NO. SD-51163-001	SHEET NO. 1 OF 2	

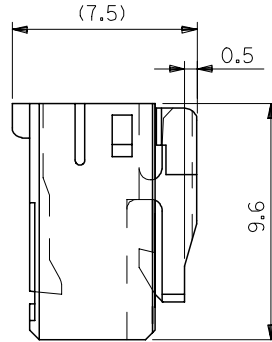
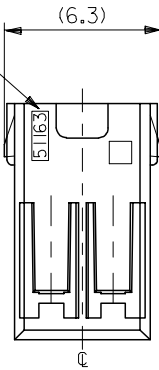
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10 9 8 7 6 5 4 3 2 1

トレードマーク  
TRADE MARK  
回路番号 1  
CIRCUIT NO.1

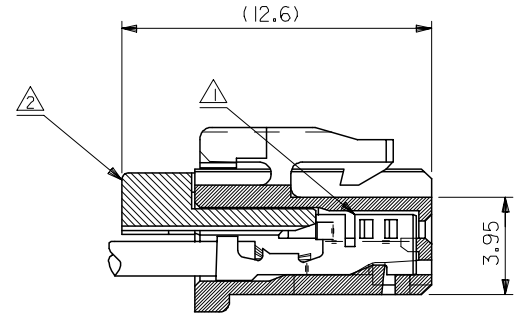


製品番号  
ENG. NO.

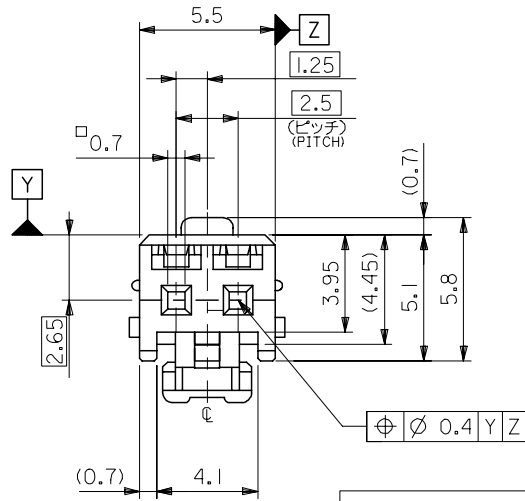


注記 NOTES

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APPLICABLE TERMINAL : 50752-8\*00
- △ 適合リテーナー : 51164-\*\*\*05  
APPLICABLE RETAINER : 51164-\*\*\*05
- 3. 嵌合相手 : 53375,53426 シリーズ  
MATE WITH : 53375,53426 SERIES



ターミナル及びリテーナー装着状態図  
TERMINAL AND RETAINER ASSEMBLY DRAWING



MATERIAL  
PBTP, UL94V-0  
SEE CHART

2 極に適用  
FOR 2 CKTS.

青	BLUE	51163-0204	2
赤	RED	51163-0202	
黒	BLACK	51163-0201	
白	NATURAL	51163-0200	
COLOR MATERIAL NO.		MATERIAL NO.	NO. OF CKT.

REVISED EC NO: J2005-1394 DRWN: SASAMOR 2004/11/09 CHKDK: TOJO 2004/11/10 APPR: NUKITA 2004/11/18 DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	10 UNDER	±0.2	DRAWN BY J. SASAMO		DATE 2004/8/31		TITLE 2.5 WIRE TO BORAD CONN. HOUSING (POSITIVE LOCK) WITH RETAINER	
	10 OVER 30 UNDER	±0.25	CHECKED BY K. TOJO		DATE 2004/8/31		MOLEX INCORPORATED	
	30 OVER	±0.3	APPROVED BY N. UKITA		DATE 2004/8/31		DOCUMENT NO. SD-51163-001	
	ANGULAR ±3 °		MATERIAL NO. 51163-***0*		SHEET NO. 2 OF 2			
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				