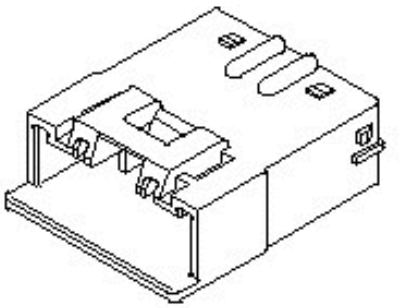
This document was generated on 04/16/2010

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

**Part Number:** 0512271500

**Status:** Active

**Description:** 2.00mm (.079") Pitch Wire-to-Wire Plug Housing, Positive Lock, 15 circuits



*Series image - Reference only*

**Documents:**

3D Model
Drawing (PDF)
Product Specification PS-51216-006 (PDF)
RoHS Certificate of Compliance (PDF)

## General

| | |
|---|---|
| Product Family | Crimp Housings |
| Series | 51227 |
| Product Name | N/A |

## Physical

| | |
|---|---|
| Circuits (maximum) | 15 |
| Color - Resin | Natural |
| Gender | Male |
| Glow-Wire Compliant | No |
| 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 | -25°C to +85°C |

## Material Info

## Reference - Drawing Numbers

| | |
|---|---|
| Product Specification | PS-51216-006, RPS-51216-006, RPS-51216-012 |
| Sales Drawing | SD-51227-002 |

**EU RoHS**
**ELV and RoHS Compliant**
**REACH SVHC**
**Contains SVHC: No**
**Halogen-Free Status**
**Not Halogen-Free**

**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.

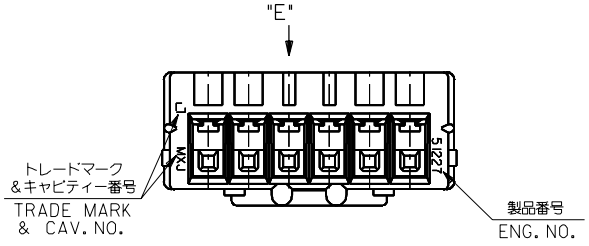
**Search Parts in this Series**
51227Series

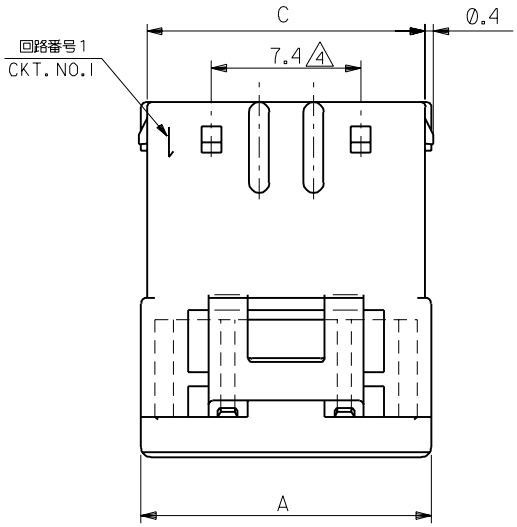
**Mates With**
51216 Housing

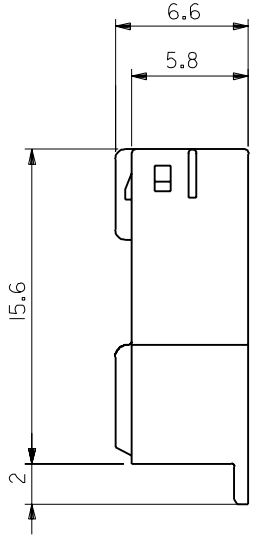
**Use With**
51217 , 56086

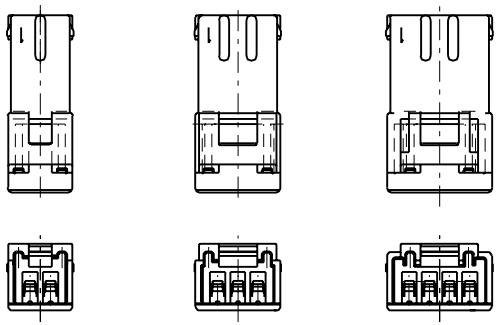
This document was generated on 04/16/2010

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

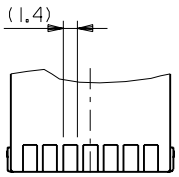


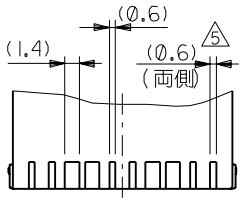




2、3、4極レイアウト図
LAYOUT OF 2, 3 & 4 CKTS.



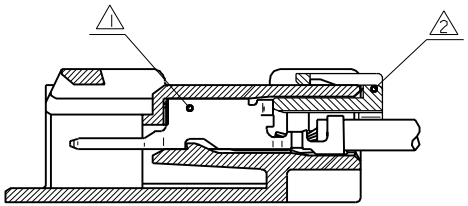

VIEW "E"
ODD CKTS. SHAPE




VIEW "E"
EVEN CKTS. SHAPE

注記
NOTES

1. 適合ターミナル ： 56086シリーズ
2. 適合リテーナー ： 51217シリーズ
   APPLICABLE RETAINER : 51217 SERIES
3. 嵌合相手 ： 51216シリーズ
   MATE WITH : 51216 SERIES
4. 5～15極に適用。
   APPLY 5-15 CIRCUITS.
5. 10, 12, 14極に適用。
   APPLY 10,12,14 CIRCUITS.




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

| D | C | B | A | MATERIAL NO. | CKT. |
|---|---|---|---|---|---|
| 7.7 | 31.8 | 28 | 32.4 | 51227-1500 | 15 |
| | 29.8 | 26 | 30.4 | -1400 | 14 |
| | 27.8 | 24 | 28.4 | -1300 | 13 |
| | 25.8 | 22 | 26.4 | -1200 | 12 |
| | 23.8 | 20 | 24.4 | -1100 | 11 |
| | 21.8 | 18 | 22.4 | -1000 | 10 |
| | 19.8 | 16 | 20.4 | -0900 | 9 |
| | 17.8 | 14 | 18.4 | -0800 | 8 |
| | 15.8 | 12 | 16.4 | -0700 | 7 |
| | 13.8 | 10 | 14.4 | -0600 | 6 |
| | 11.8 | 8 | 12.4 | -0500 | 5 |
| | 9.8 | 6 | 10.4 | -0400 | 4 |
| 7.7 | 7.8 | 4 | 8.4 | -0300 | 3 |
| 6.4 | 5.8 | 2 | 6.4 | 51227-0200 | 2 |

DWG. NO. SD-51227-002

DO NOT SCALE DRAWING

| REV | DESCRIPTION | EC NO. | DRWN: | CH'K: | APPR: |
|---|---|---|---|---|---|
| ⊘ | RELEASED '01/06/21 | EC NO. JC2001-1002 | DRWN: H.II | CH'K: T.YAMAGUCHI | APPR: T.YAMAGUCHI |

MATERIAL 材料: PBTP, UL94V-0 [色：自然色] [COLOR: NATURAL]
FINISH 仕上げ: //
WIRE RANGE 適用電線範囲: //
INS. RANGE 被覆外径: //

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

| | |
|---|---|
| 10 UNDER 未満 | ±0.2 |
| 10 OVER 以上 30 UNDER 未満 | ±0.25 |
| 30 OVER 以上 | ±0.3 |
| ANGLE 角度 | ±3° |

51227-**00

SCALE: //
DESIGN UNITS: ☒mm ☐INCH
THIRD ANGLE PROJECTION
MODEL NO.
DIMENSIONS: ☐ mm/INCH ☐ INCH/mm ☒ mm ONLY
SHT | REV
REVISE ON CAD ONLY

DRAWN BY & DATE: H.II '01/06/21
CHECKED BY & DATE: T.YAMAGUCHI '01/06/21
APPROVED BY & DATE: T.YAMAGUCHI '01/06/21
CAD FILENAME: 51227002.S01

TITLE:
2.0 mm WIRE TO WIRE CONN.
PLUG HOUSING

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DRAWING NO.: SD-51227-002
SHEET NO.: 1 OF 1
SIZE: B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

EN-02J(097) MXJ-54

51227002.S01