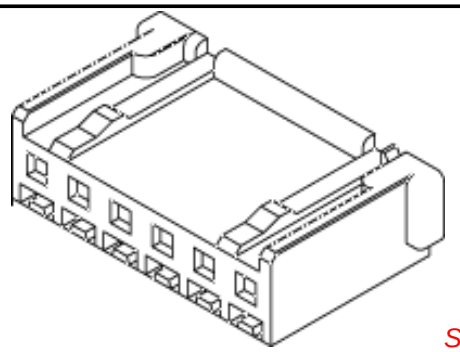
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**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** 0511020500
**Status:** Active
**Overview:** minilock
**Description:** 2.50mm (.098") Pitch Mini-Lock™ Wire-to-Board Housing, Friction Lock, 5 Circuits



*Series image - Reference only*

**Documents:**

3D Model
Drawing (PDF)
Product Specification PS-51102-002 (PDF)
RoHS Certificate of Compliance (PDF)

## General

| | |
|---|---|
| Product Family | Crimp Housings |
| Series | 51102 |
| Overview | minilock |
| Product Name | Mini-Lock™ |

## Physical

| | |
|---|---|
| Circuits (maximum) | 5 |
| Color - Resin | Natural |
| Gender | Female |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| 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

| | |
|---|---|
| Packaging Specification | SPK-51102-001 |
| Product Specification | PS-51102-002, RPS-51103-049, RPS-51103-057 |
| Sales Drawing | SD-51102-**00 |

**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
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**
51102Series

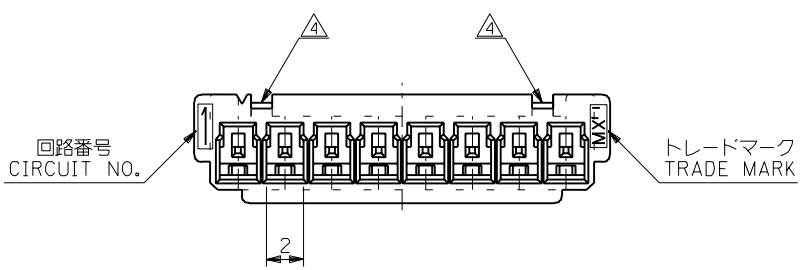
**Mates With**
53375 , 53426

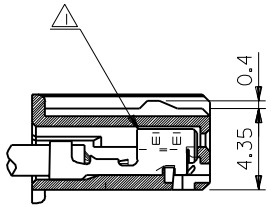
**Use With**
50351

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DWG. NO. SD-51102-**00

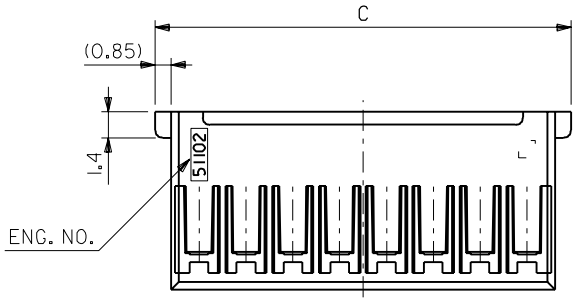


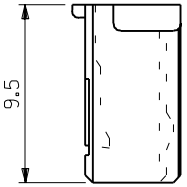



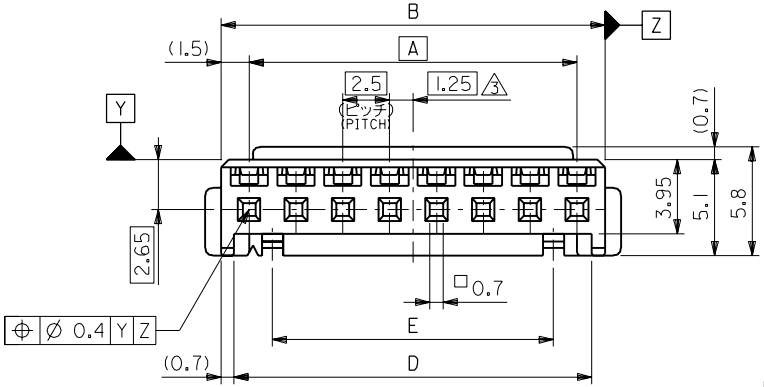

ターミナル装着状態図
TERMINAL ASSEMBLY DRAWING

注記 NOTES

1. 適合ターミナル：50351-8*00
   APPLICABLE TERMINAL : 50351-8*00
2. 嵌合相手：53375,53376,53388,53389,53426
   53535 シリーズ
   MATE WITH : 53375,53376,53388,53389,53426
   53535 SEIRES
3. 偶数極の製品に適用。
   APPLY EVEN CIRCUIT PRODUCTS.
4. ロックの数 NUMBER OF LOCKS
   5極以下：1個
   LESS THAN 5 CIRCUIT PRODUCTS : 1 PIECE
   6極以上：2個
   MORE THAN 6 CIRCUIT PRODUCTS : 2 PIECES




| | | | | | | |
|---|---|---|---|---|---|---|
| 32.5 | 36.6 | 39.7 | 38 | 35 | 51102-1500 | 15 |
| 30 | 34.1 | 37.2 | 35.5 | 32.5 | -1400 | 14 |
| 27.5 | 31.6 | 34.7 | 33 | 30 | -1300 | 13 |
| 25 | 29.1 | 32.2 | 30.5 | 27.5 | -1200 | 12 |
| 22.5 | 26.6 | 29.7 | 28 | 25 | -1100 | 11 |
| 20 | 24.1 | 27.2 | 25.5 | 22.5 | -1000 | 10 |
| 17.5 | 21.6 | 24.7 | 23 | 20 | -0900 | 9 |
| 15 | 19.1 | 22.2 | 20.5 | 17.5 | -0800 | 8 |
| 12.5 | 16.6 | 19.7 | 18 | 15 | -0700 | 7 |
| 10 | 14.1 | 17.2 | 15.5 | 12.5 | -0600 | 6 |
| — | 11.6 | 14.7 | 13 | 10 | -0500 | 5 |
| — | 9.1 | 12.2 | 10.5 | 7.5 | -0400 | 4 |
| — | 6.6 | 9.7 | 8 | 5 | -0300 | 3 |
| — | 4.1 | 7.2 | 5.5 | 2.5 | 51102-0200 | 2 |
| E | D | C | B | A | ENG. NO. | 極数 NO. OF CKT. |

| | | | | | |
|---|---|---|---|---|---|
| 角度 ANGLE | ±3° | C | 変更 REVISED (J50376) | K.T / S.K | '95/5/23 |
| 30以上 OVER | ±0.3 | B | 変更 REVISED (J30011) | K.T / H.H | '93/11/9 |
| 10以上 OVER 30未満 UNDER | ±0.25 | A | 変更 REVISED (J20981) | K.T / H.H | '92/10/21 |
| 10未満 UNDER | ±0.2 | 0 | 新規作成 PROPOSED (J20669) | H.H / M.F | '92/7/29 |
| 一般公差 GENERAL TOLERANCES | | 記号 LTR | 変更内容 REVISION RECORD | DR. / CHK. | 日付 DATE |

材料 MATERIAL PBTP, UL94V-0 (白色 WHITE)

仕上げ FINISH —

適用電線範囲 WIRE RANGE —

被覆外径 INS. RANGE —

DRAWN BY '92/7/29 H.HIRAMOTO
CHK'D BY '95/5/23 S.KUNISHI
APP'D BY '95/5/23 M.FUKUSHIMA
尺度 SCALE 4 - 1

MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称
2.5 WIRE TO BOARD CONN. HOUSING (FRICTION LOCK)

DWG. NO. SD-51102-**00

REV C

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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