

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0510361500](#)
Status: **Active**
Description: 4.00mm (.158") Pitch Board-In Housing, 15 Circuits

Documents:

| | |
|--|--|
| 3D Model | Product Specification PS-51036-003 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-51036-002 (PDF) | |

Agency Certification

| | |
|-----|-----------|
| CSA | LR19980 |
| TUV | R72090224 |
| UL | E29179 |

General

| | |
|----------------|-----------------------|
| Product Family | Crimp Housings |
| Series | 51036 |
| Product Name | Board-In |

Physical

| | |
|-------------------------------|-----------------|
| Circuits (maximum) | 15 |
| Color - Resin | Natural |
| Flammability | 94V-0 |
| Gender | Male |
| Glow-Wire Compliant | No |
| Material - Resin | Nylon |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface (in) | 0.157 In |
| Pitch - Mating Interface (mm) | 4.00 mm |
| Stackable | Yes |
| Temperature Range - Operating | -40°C to +105°C |

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|--|
| Product Specification | PS-51036-002, PS-51036-003, RPS-51036-001, RPS-51036-002, RPS-51036-003 |
| Sales Drawing | SD-51036-**00 |

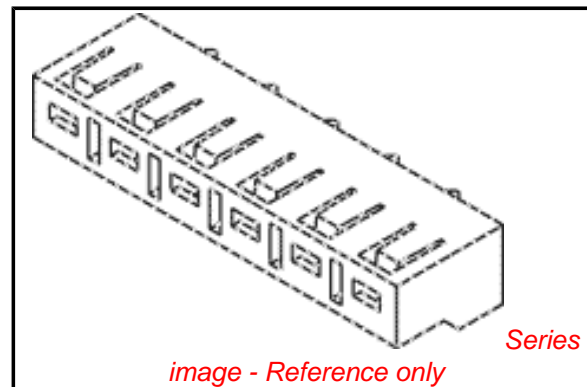


image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**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
[51036Series](#)

Use With
[50098](#)

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E

D

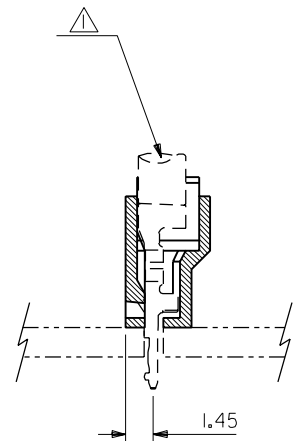
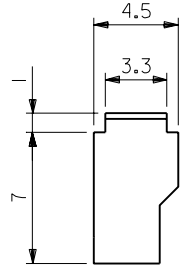
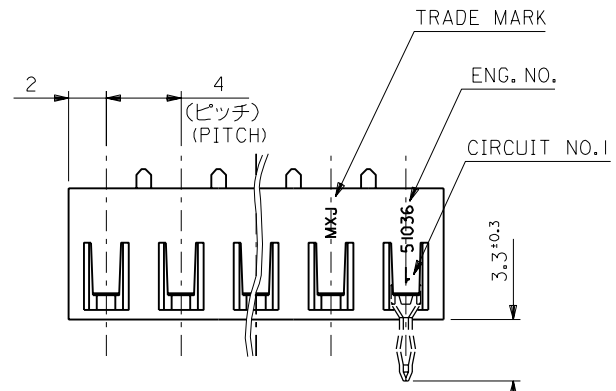
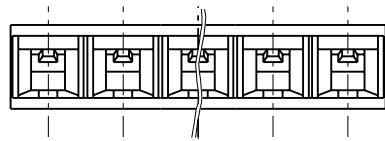
C

B

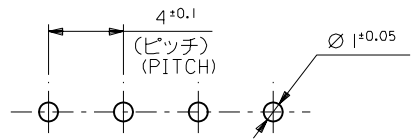
A

DIMENSIONS IN METRIC DO NOT SCALE DRAWING

8 7 6 5 4 3 2 1



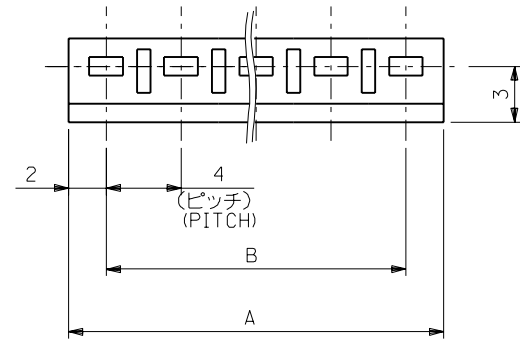
(公差非累積)
(NON-ACCUMULATIVE)



基板取付穴推奨寸法基板厚: 1.6mm)
RECOMMENDED PC BOARD
HOLE DIMENSION
(THICKNESS: 1.6mm)

注記
NOTE

△適合ターミナル: 50098-8*00
APPLICABLE TERMINAL: 50098-8*00



| | | | |
|----|----|------------|--------------------|
| 56 | 60 | 51036-1500 | 15 |
| 52 | 56 | ↑ 1400 | 14 |
| 48 | 52 | 1300 | 13 |
| 44 | 48 | 1200 | 12 |
| 40 | 44 | 1100 | 11 |
| 36 | 40 | 1000 | 10 |
| 32 | 36 | 0900 | 9 |
| 28 | 32 | 0800 | 8 |
| 24 | 28 | 0700 | 7 |
| 20 | 24 | 0600 | 6 |
| 16 | 20 | 0500 | 5 |
| 12 | 16 | 0400 | 4 |
| 8 | 12 | ↓ 0300 | 3 |
| 4 | 8 | 51036-0200 | 2 |
| B | A | ENG.NO. | 梱 装 数 CT. |

| | | | | | | | | |
|-------------------------|----------------------|-------|------|---------|-------------------------------|-----------------|---------------------------------------|------------------------------|
| 角度 ANGLE | | ±3° | | | 材料 MATERIAL | | NYLON66,UL94V-0 | |
| 30以上 OVER | | +0.3 | | | 仕上げ FINISH | | // | |
| 10以上 30未満 UNDER | | +0.25 | | | 適用電線範囲 WIRE RANGE | | AWG#22-18,AV-0.5-0.85 AVS-0.3-0.85 | |
| 10未満 UNDER | | +0.2 | | | 被覆外径 INS. RANGE | | φ 1.8~2.6 | |
| 一般公差 GENERAL TOLERANCES | | | E | REDRAWN | K.S | DATE | %/06/30 | CHK'D BY %/06/30 M.SAKANO |
| 記号 LTR | 変更内容 REVISION RECORD | DR. | CHK. | DATE | APP'D BY %/06/30 M.ENOMOTO | 尺 度 SCALE | 4:1 | |

molex MOLEX-JAPAN CO.,LTD.
日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称
4.0 BOARD IN
CONN. HOUSING

DWG. NO. SD-5 1036-**-00

REV E

8 7 6 5 4 3 2 1

51036.S21