

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0521511010**
Status: **Active**
Description: 2.00mm (.079") Pitch Wire Trap, Pull-Cover Style, Right Angle, 10 Circuits

Documents:

[3D Model](#) [Product Specification PS-52147-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Ribbon Cable / Wire Trap Connectors
 Series [52151](#)
 Comments Pull-Cover
 Component Type One Piece
 Glow-Wire Compliant No
 Product Name Board-In, Wire Trap

Physical

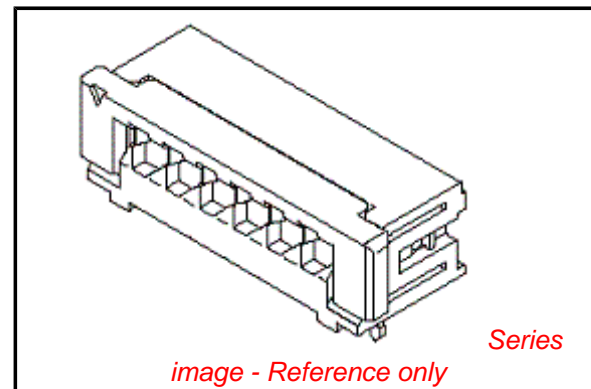
Circuits (Loaded) 10
 Entry Angle 90° Angle
 Flammability 94V-0
 Lock to Mating Part None
 Material - Metal Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Number of Rows 1
 PCB Retention Yes
 PCB Thickness Recommended (in) 0.062 In
 PCB Thickness Recommended (mm) 1.60 mm
 Packaging Type Tray
 Pitch - Mating Interface (in) 0.079 In
 Pitch - Mating Interface (mm) 2.00 mm
 Plating min: Mating (µin) 36
 Plating min: Mating (µm) 0.90
 Plating min: Termination (µin) 36
 Plating min: Termination (µm) 0.90
 Polarized to Mating Part N/A
 Polarized to PCB No
 Stackable No
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Through Hole - Kinked Pin
 Wire Insulation Diameter 1.60mm (.063") max.
 Wire Size AWG 26
 Wire/Cable Type Ribbon Cable

Electrical

Current - Maximum per Contact 2A
 Voltage - Maximum 150V

Material Info

Reference - Drawing Numbers



EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Halogen-Free
Status**

China RoHS



Not Reviewed

**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

[52151Series](#)

Mates With

N/A

Use With

Topcoated ribbon cable

Product Specification

Sales Drawing

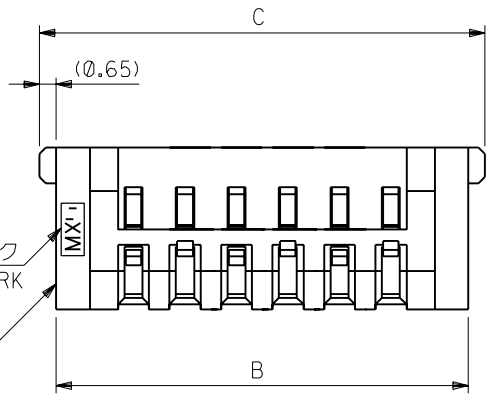
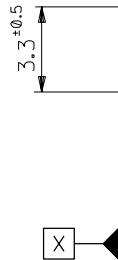
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RPS-52147-003, RPS-52147-004, RPS-52151-001,
RPS-52151-002, RPS-52151-003
SD-52151-**10

This document was generated on 04/16/2010

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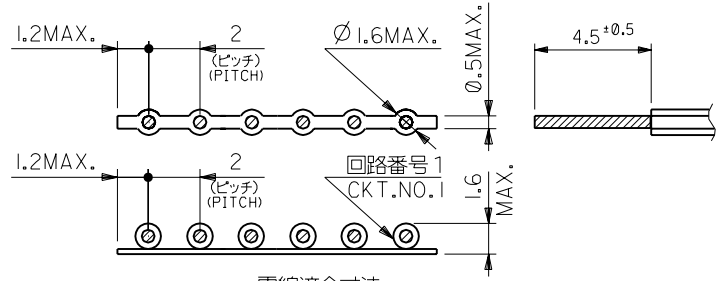
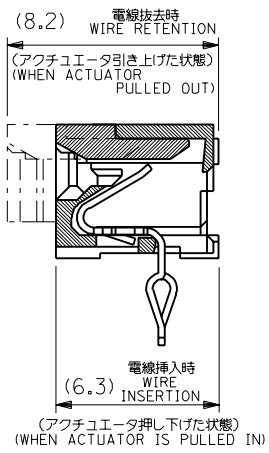
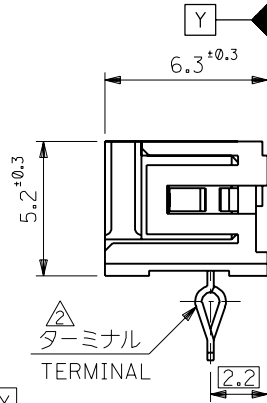
回路番号1用マーク
CKT.NO.1 SIDE

アクチュエータ
ACTUATOR

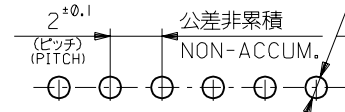


注記
NOTES

- 1 使用材料 : MATERIAL
ハウジング : PBT (ガラス繊維入), UL94V-0. (白)
HOUSING : PBT (GLASS FILLED), UL94V-0. (WHITE)
アクチュエータ : PBT (ガラス繊維入), UL94V-0. (白)
ACTUATOR : PBT (GLASS FILLED), UL94V-0. (WHITE)
ターミナル : リン青銅、錫メッキ (t=0.25)
TERMINAL : PHOS-BRO, TIN-PLATED (t=0.25)
- 2 種のみキック無しとする。
NO KINK APPLIED FOR 2 CKTS ONLY.
- 3 生産国 (トレードマーク) : 日本 (MXJ-大和)
MALAYSIA (MXL)
PLACE OF MANUFACTURE (TRADE-MARK) :
JAPAN (MXJ-YAMATO)
MALAYSIA (MXL)



電線適合寸法
RECOMMENDED WIRE DIM.



基板取付穴推奨寸法 (t=1.6)
RECOMMENDED P.C.BOARD HOLE DIM.

| | | | | |
|------|----|----|------------|----|
| 39.3 | 38 | 32 | 52151-1710 | 17 |
| 37.3 | 36 | 30 | -1610 | 16 |
| 35.3 | 34 | 28 | -1510 | 15 |
| 33.3 | 32 | 26 | -1410 | 14 |
| 31.3 | 30 | 24 | -1310 | 13 |
| 29.3 | 28 | 22 | -1210 | 12 |
| 27.3 | 26 | 20 | -1110 | 11 |
| 25.3 | 24 | 18 | -1010 | 10 |
| 23.3 | 22 | 16 | -0910 | 9 |
| 21.3 | 20 | 14 | -0810 | 8 |
| 19.3 | 18 | 12 | -0710 | 7 |
| 17.3 | 16 | 10 | -0610 | 6 |
| 15.3 | 14 | 8 | -0510 | 5 |
| 13.3 | 12 | 6 | -0410 | 4 |
| 11.3 | 10 | 4 | -0310 | 3 |
| 9.3 | 8 | 2 | 52151-0210 | 2 |
| C | B | A | ENG.NO. | 極致 |

| | | | | | | | |
|----------------------------|-------------------|---------------|----------------------------------|--------------------|---------------------|-----------------------------------|---------------------------------|
| 材料 MATERIAL | 注記参照 SEE NOTES | 仕上げ FINISH | 適用電線範囲 WIRE RANGE | 被覆外径 INS. RANGE | 図中参照 SEE DRAWING | DRAWN BY '95/08/29 S.MATSUZAKI | CHK'D BY '01/09/20 S.KUNISHI |
| 角度 ANGLE | ±3° | | AWG #26 (露トコ) (TOP-COAT WIRE) | | | APP'D BY '01/09/20 T.YAMAGUCHI | 尺度 SCALE 5:1 |
| 30以上 OVER | +0.3 | E | | | | R.S S.K | '01/09/20 |
| 10以上 30未満 UNDER | +0.25 | D | | | | S.N M.F | '91/09/12 |
| 10未満 UNDER | +0.2 | C | | | | S.M H.H | '95/08/29 |
| 一般公差 GENERAL TOLERANCES | | 記号 LTR | 変更内容 REVISION RECORD | DR. CHK. | 日付 DATE | | |

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