

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0521510210](#)
Status: **Active**
Description: 2.00mm (.079") Pitch Wire Trap, Pull-Cover Style, Right Angle, 2 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

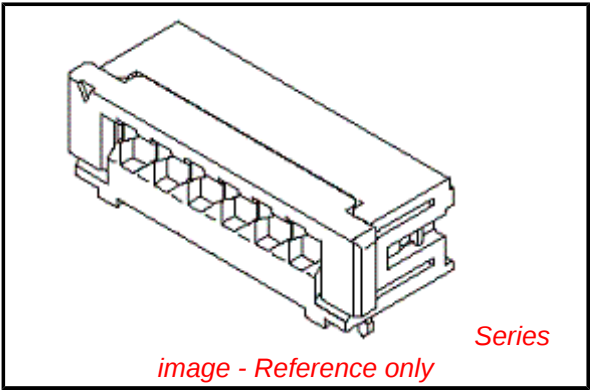
Circuits (Loaded) 2
Entry Angle 90° Angle
Flammability 94V-0
Lock to Mating Part None
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Number of Rows 1
PCB Retention Yes
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging 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**

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
[52151Series](#)

Mates With
N/A

Use With
Topcoated ribbon cable

Product Specification

Sales Drawing

PS-52147-001, RPS-52147-001, RPS-52147-002,
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

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

回路番号1用マーク
CKT.NO.1 SIDEアクチュエータ
ACTUATOR3.3 $\pm$ 0.52
(ピッチ)
(PITCH)

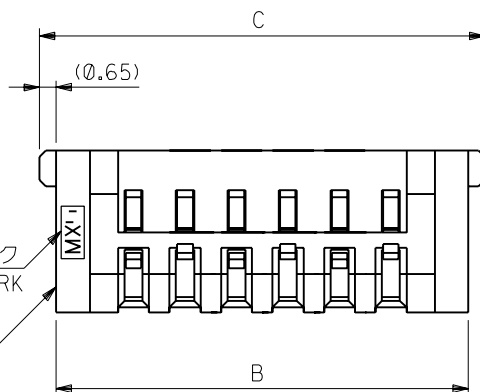
(0.6)

 $\oplus \phi 1 \times Y$

X

Y
6.3 $\pm$ 0.35.2 $\pm$ 0.3ターミナル
TERMINAL

2.2

注記
NOTES

1 使用材料 : MATERIAL

ハウジング : PBT (ガラス繊維入), UL94V-0. (白)

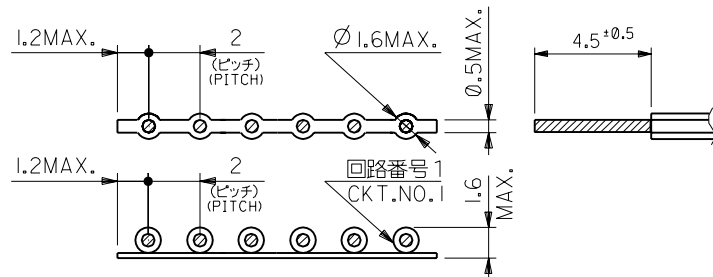
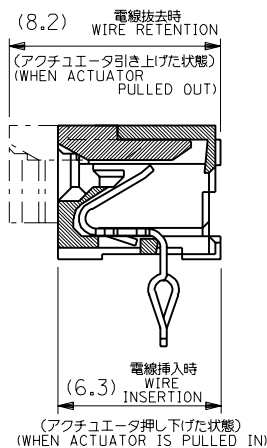
HOUSING : PBT (GLASS FILLED), UL94V-0. (WHITE)

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 極のみキンク無しとする。
NO KINK APPLIED FOR 2 CKTS ONLY.3 生産国 (トレードマーク) : 日本 (MXJ- 大和)
マレーシア (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.	極数

角度 ANGLE		±3°	仕上げ FINISH		適用電線範囲 WIRE RANGE		被覆外径 INS. RANGE		DRAWN BY '95/08/29 S.MATSUZAKI		CHK'D BY '01/09/20 S.KUNISHI		APP'D BY '01/09/20 T.YAMAGUCHI		尺 度 SCALE 5:1	
30以上 OVER	±0.3	E	変更 REVISD (J2002-0663)	R.S	S.K	'01/09/20	図中参照 SEE DRAWING									
10以上 OVER 30未満 UNDER	±0.25	D	変更 REVISD (JC80230)	S.N	M.F	'91/09/12										
10未満 UNDER	±0.2	C	再作図 REDRAWN (JC60127)	S.M	H.H	'95/08/29										
一般公差 GENERAL TOLERANCES		LTR	変更内容 REVISION RECORD	DR.	日付 DATE	CHK.										

材料 MATERIAL
注記参照
SEE NOTES仕上げ
FINISH適用電線範囲 WIRE RANGE
(TOP-COAT WIRE)

被覆外径 INS. RANGE

DRAWN BY '95/08/29 S.MATSUZAKI

CHK'D BY '01/09/20 S.KUNISHI

APP'D BY '01/09/20 T.YAMAGUCHI

尺 度 SCALE 5:1

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

REVISE ONLY ON CAD SYSTEM

TITLE 名称
2.0 NEW MINI
WIRE TRAP CONN.(R/A)DWG. NO.
SD-52151-**-10REV
E