

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0521470310](#)
Status: **Active**
Overview: [wire_trap](#)
Description: 2.00mm (.079") Pitch Wire Trap, Pull-Cover Style, Vertical, 3 Circuits

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

Agency Certification
UL E29179

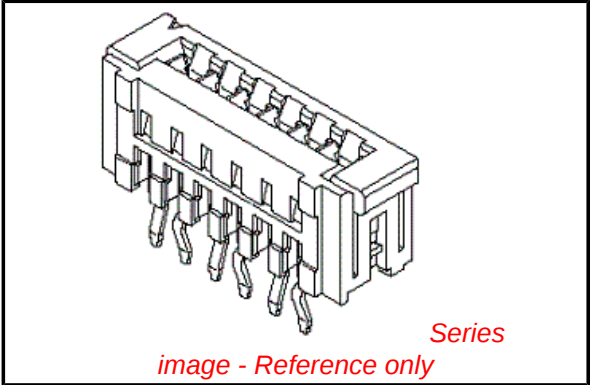
General
Product Family Ribbon Cable / Wire Trap Connectors
Series [52147](#)
Comments Pull-Cover
Component Type One Piece
Glow-Wire Compliant No
Overview [wire_trap](#)
Product Name Board-In, Wire Trap

Physical
Circuits (Loaded) 3
Entry Angle Vertical
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
[52147Series](#)

Mates With
N/A

Use With
Topcoated ribbon cable

Packaging Specification
Product Specification

Sales Drawing

SPK-52147
PS-52147-001, RPS-52147-001, RPS-52147-002,
RPS-52147-003, RPS-52147-004
SD-52147-**10

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回路番号1用マーク
CKT.NO.1 MARKアクチュエータ
ACTUATORハウジング
HOUSING

B

C

トレードマーク
TRADE MARK

(0.65)

2
(ピッチ)
(PITCH)

(0.6)

A

X

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)

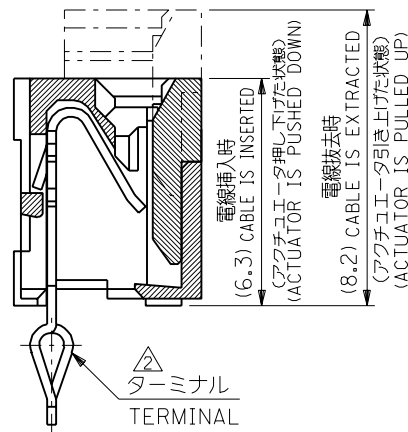
ACTUATOR : PBT (GLASS FILLED), UL94V-0. (WHITE)

ターミナル : リン青銅、錫メッキ (t=0.25)

TERMINAL : PHOS-BRO, PRE-TINNED (t=0.25)

△ 2極のみキンク無しとする。

FOR CKT 2 MUST NOT BE KINK

ターミナル
TERMINAL

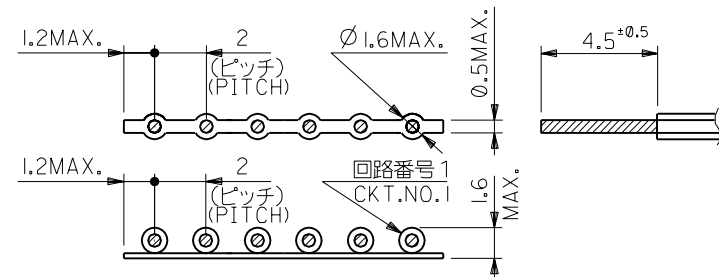
5.2±0.3

6.3±0.3

3.3±0.5

1.05

Y



電線適合寸法

APPLICABLE WIRE



基板取付穴推奨寸法 (t=1.6)

RECOMMENDED P.C.BOARD DIM.

39.3	38	32	52147-1710	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	52147-0210	2
C	B	A	ENG.NO.	極数 CKT.

材料
MATERIAL注記参照
SEE NOTES

molex

MOLEX-JAPAN CO.,LTD.
日本モレックス株式会社仕上げ
FINISH適用電線範囲
WIRE RANGEAWG #26
(銅コート線) (TOP-COAT WIRE)被覆外径
INS. RANGE図中参照
SEE DRAWINGDRAWN BY '94/9/28
T.NIITSUCHK'D BY '94/9/28
Y.M.H.HIRAMOTOAPP'D BY '94/9/29
M.FUKUSHIMA尺度
SCALE

REVISE ONLY ON CAD SYSTEM

TITLE 名称
2.0 NEW MINI
WIRE TRAP CONN.(ST.)DWG. NO.
SD-52147-***10REV
C

角度 ANGLE	±3°
30以上 OVER	±0.3
10以上 30未満 OVER UNDER	±0.25
10未満 UNDER	±0.2
一般公差 GENERAL TOLERANCES	

記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE
C	再作図と変更 (J4079) II REDRAWN & REVISED	T.N. H.H.	'94/9/28

材料 MATERIAL	仕上がり FINISH	適用電線範囲 WIRE RANGE	被覆外径 INS. RANGE
		AWG #26 (銅コート線) (TOP-COAT WIRE)	図中参照 SEE DRAWING

DRAWN BY '94/9/28 T.NIITSU	CHK'D BY '94/9/28 Y.M.H.HIRAMOTO
APP'D BY '94/9/29 M.FUKUSHIMA	尺度 SCALE