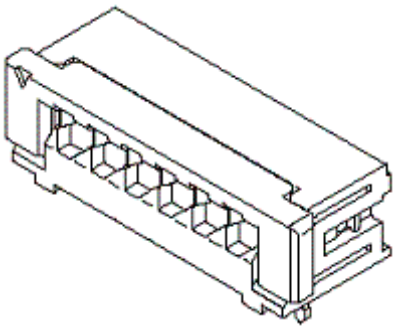
This document was generated on 04/16/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0521510410
Status: Active
Description: 2.00mm (.079") Pitch Wire Trap, Pull-Cover Style, Right Angle, 4 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-52147-001 (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)	4
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 Halogen-Free

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

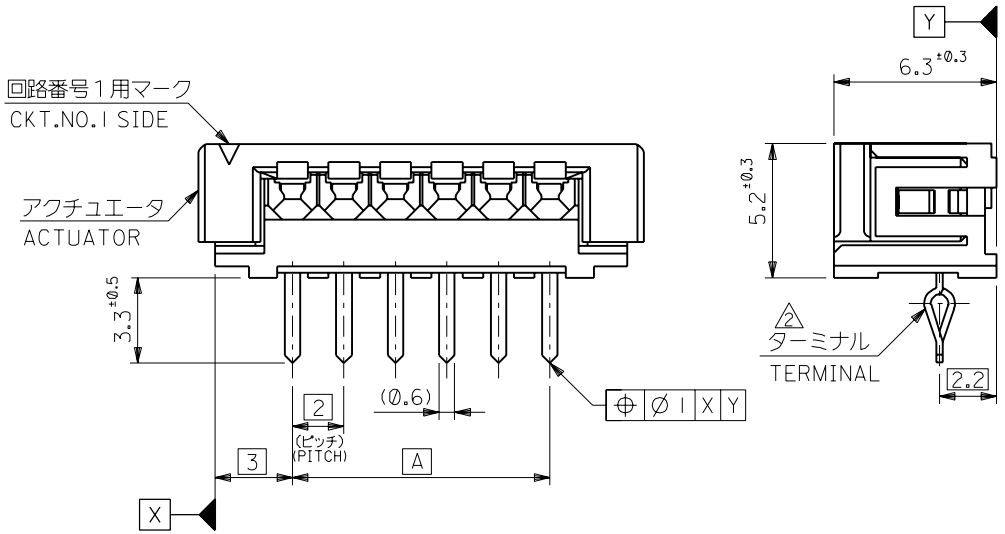
Mates With
N/A

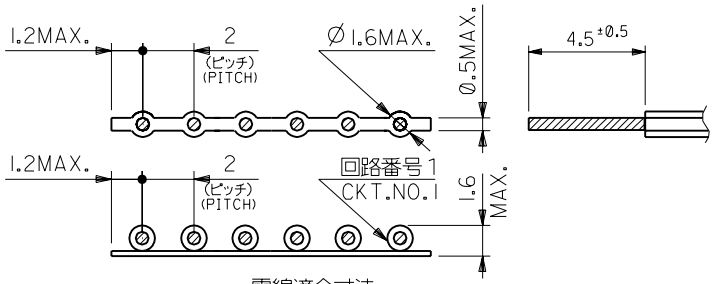
Use With
Topcoated ribbon cable

Product Specification	PS-52147-001, RPS-52147-001, RPS-52147-002, RPS-52147-003, RPS-52147-004, RPS-52151-001, RPS-52151-002, RPS-52151-003
Sales Drawing	SD-52151-**10

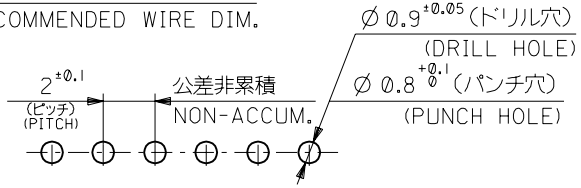
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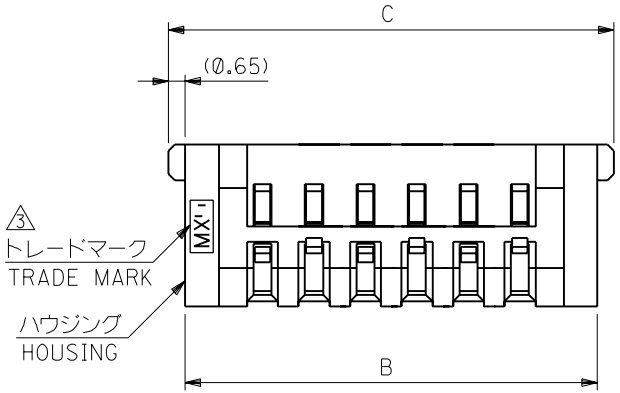


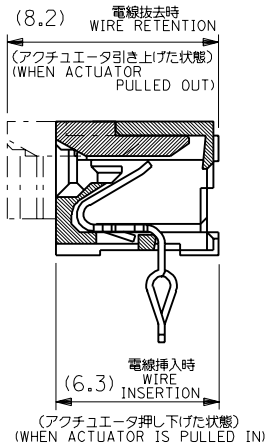


電線適合寸法
RECOMMENDED WIRE DIM.



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

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 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)

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
E	変更 REVISED (J2002-0663)	R.S / S.K	'01/09/20
D	変更 REVISED (JC80230)	S.N / M.F	'97/09/12
C	再作図 REDRAWN (JC60127)	S.M / H.H	'95/08/29

材料 MATERIAL	注記参照 SEE NOTES
仕上げ FINISH	
適用電線範囲 WIRE RANGE	AWG #26 (銅ニトル線) (TOP-COAT WIRE)
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
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-**10 REV E

52151.S02

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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