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Part Number:

0521511710

Status:

Active

Description:

2.00mm (.079") Pitch Wire Trap, Pull-Cover Style, Right Angle, 17 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-52147-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Comments

Component Type

Glow-Wire Compliant

Product Name

Ribbon Cable / Wire Trap Connectors

52151

Pull-Cover

One Piece

No

Board-In, Wire Trap

Physical

Circuits (Loaded)

Entry Angle

Flammability

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Number of Rows

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire/Cable Type

17

90° Angle

94V-0

None

Phosphor Bronze

Tin

Tin

1

Yes

0.062 In

1.60 mm

Tray

0.079 In

2.00 mm

36

0.90

36

0.90

N/A

No

No

No

-40°C to +105°C

Through Hole - Kinked Pin

1.60mm (.063") max.

26

Ribbon Cable

Electrical

Current - Maximum per Contact

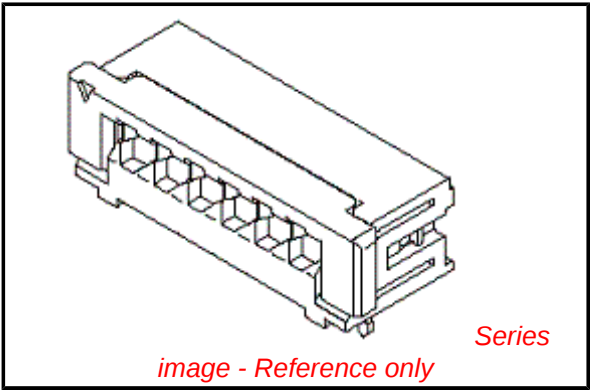
Voltage - Maximum

2A

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

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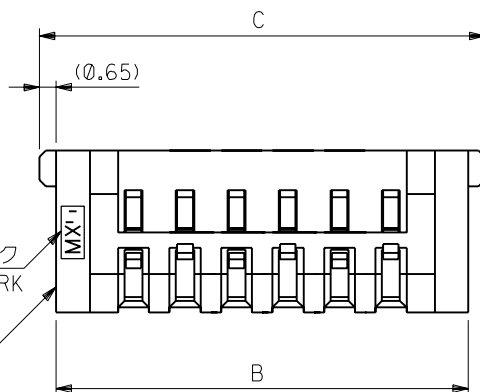
1

SD-52151-***10

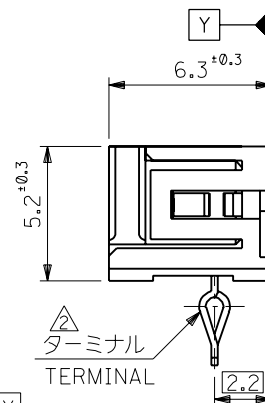
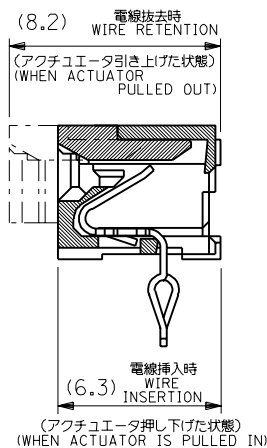
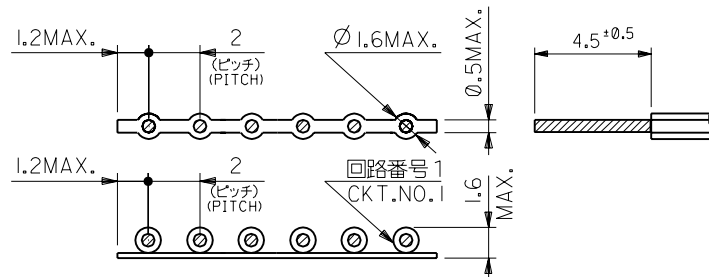
回路番号1用マーク
CKT.NO.1 SIDEアクチュエータ
ACTUATOR3.3 $\pm$ 0.52
(ピッチ)
(PITCH)

(0.6)

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, 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)
MALAYSIA (MXL)
PLACE OF MANUFACTURE (TRADE-MARK) :
JAPAN (MXJ-YAMATO)
MALAYSIA (MXL)

ターミナル
TERMINAL電線挿入時
WIRE INSERTION(アクチュエータ押し下げた状態)
(WHEN ACTUATOR IS PULLED IN)

電線適合寸法

RECOMMENDED WIRE DIM.

2 ± 0.1
(ピッチ)
(PITCH)公差非累積
NON-ACCUM.Ø0.9 $\pm$ 0.05 (ドリル穴)
(DRILL HOLE)
Ø0.8 $\pm$ 0.1 (パンチ穴)
(PUNCH HOLE)

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		材料 MATERIAL	注記参照 SEE NOTES
30°以上 OVER	±0.3	E	変更 REVISED (J2002-0663)	R.S.	適用電線範囲 WIRE RANGE	AWG #26 (細トコ) (TOP-COAT WIRE)
10°以上 30°未満 UNDER	±0.25	D	変更 REVISED (JC80230)	S.N. M.F.	被覆外径 INS. RANGE	図中参照 SEE DRAWING
10°未満 UNDER	±0.2	C	再作図 REDRAWN (JC60127)	S.M. H.H.	DRAWN BY '95/08/29 S.MATSUZAKI	CHK'D BY '01/09/20 S.KUNISHI
一般公差 GENERAL TOLERANCES		LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE	APP'D BY '01/09/20 T.YAMAGUCHI

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		//	REVISE ONLY ON CAD SYSTEM	
適用電線範囲 WIRE RANGE		AWG #26 (細トコ) (TOP-COAT WIRE)	TITLE 名称 2.0 NEW MINI WIRE TRAP CONN.(R/A)	
被覆外径 INS. RANGE		図中参照 SEE DRAWING	DWG. NO. SD-52151-***10	
DRAWN BY '95/08/29 S.MATSUZAKI		CHK'D BY '01/09/20 S.KUNISHI	REV E	