

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0510520200](#)
Status: **Active**
Description: 2.50mm (.098") Pitch Cable Holder, Vertical, for Ribbon Cable, 2 Circuits

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-51052-001 \(PDF\)](#)
[Product Specification PS-51052-002 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family Ribbon Cable / Wire Trap Connectors
Series [51052](#)
Component Type One Piece
Glow-Wire Compliant No
Product Name Board-In, Cable Holder

Physical

Circuits (Loaded) 2
Color - Resin Natural
Entry Angle Vertical
Lock to Mating Part None
Material - Resin Nylon
Number of Rows 1
PCB Retention Yes
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging Type Bag
Pitch - Mating Interface (in) 0.098 In
Pitch - Mating Interface (mm) 2.50 mm
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
Wire Insulation Diameter 1.70mm (.067") max.
Wire Size AWG 24, 26
Wire/Cable Type Ribbon Cable

Electrical

Current - Maximum per Contact N/A
Voltage - Maximum N/A

Material Info

Reference - Drawing Numbers

Product Specification PS-51052-001, PS-51052-002, RPS-51052-003
Sales Drawing SD-51052-001

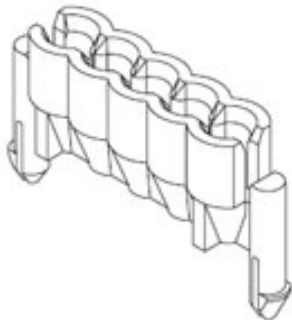


image - Reference only

Series

EU RoHS

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

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
[51052Series](#)

Mates With
N/A

Use With
Topcoated ribbon cable

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

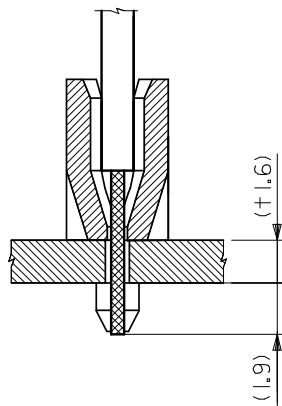
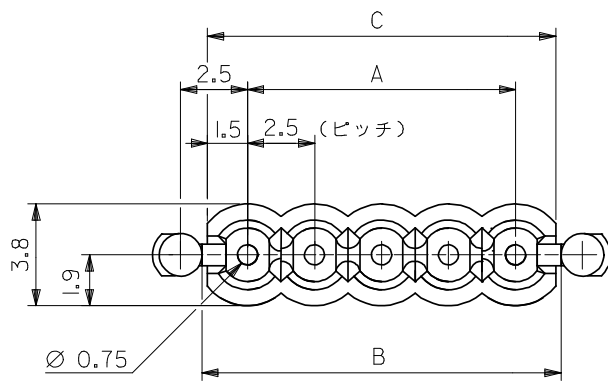
E

D

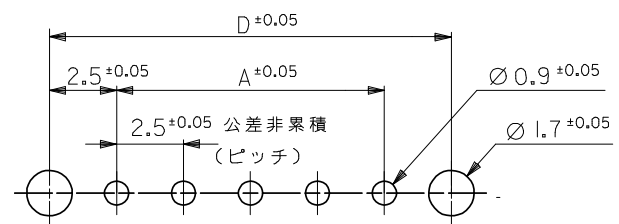
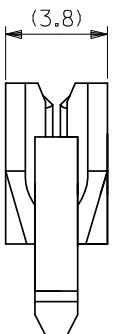
C

B

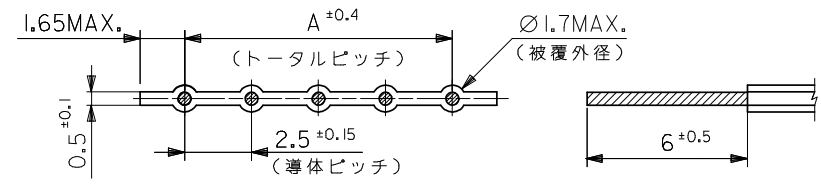
A



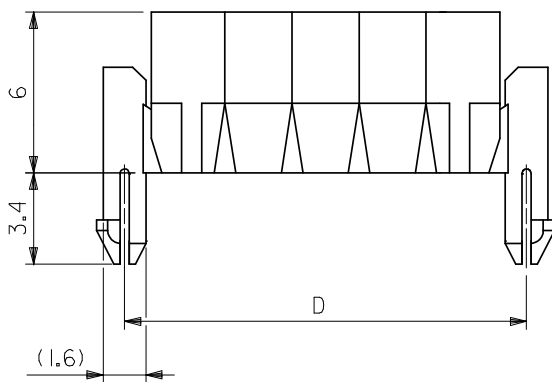
電線挿入図



基板取付穴推奨寸法
(+1.6±0.05)



適合電線推奨寸法

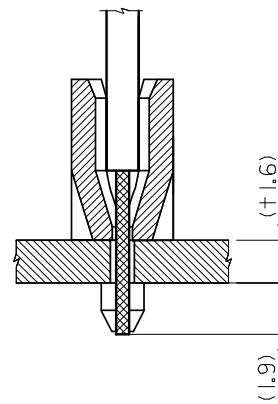
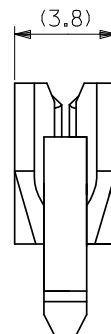
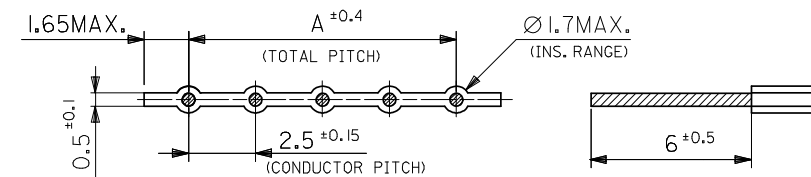


注記

- 材料：ナイロン66，UL 94V-2
- 適合電線：2.5mmピッチリボンケーブル
AWG#24～26 錫コート平行線
- 生産国（トレードマーク）：日本（MXJ-大和，MXH-塩谷）
マレーシア（MXL）

42.5	40.5	40.9	37.5	VO	51052-1600	16
40.0	38.0	38.4	35.0	VO	1500	15
37.5	35.5	35.9	32.5	VO	1400	14
35.0	33.0	33.4	30.0	VO	1300	13
32.5	30.5	30.9	27.5	VO	1200	12
30.0	28.0	28.4	25.0	VO	1100	11
27.5	25.5	25.9	22.5	VO	1000	10
25.0	23.0	23.4	20.0	VO	0900	9
22.5	20.5	20.9	17.5	VO	0800	8
20.0	18.0	18.4	15.0	VO	0700	7
17.5	15.5	15.9	12.5	VO	0600	6
15.0	13.0	13.4	10.0	VO	0500	5
12.5	10.5	10.9	7.5	VO	0400	4
10.0	8.0	8.4	5.0		-0300	3
7.5	5.5	5.9	2.5	VO	51052-0200	2
D	C	B	A		ENG. NO.	極数

REVISED EC NO: J2008-2948 DRWN:NAKAMURAA 2008/03/31 CHKD:T. HARUYAMA 2008/04/22 APPR:NUKITA 2008/06/03	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				DRAWN BY DATE		TITLE 2.5MM PITCH CABLE HOLDER (FOR 6 MM STRIP LENGTH)		
		10 UNDER ±0.2		T. ITOH				
		10 OVER 30 UNDER ±0.25		CHECKED BY DATE M. FUKUSHIMA '97/7/14				
		30 OVER ±0.3		APPROVED BY DATE M. FUKUSHIMA '97/7/14				
	ANGULAR ±3 °		MATERIAL NO.		MOLEX INCORPORATED		DOCUMENT NO. SD-51052-001	SHEET NO. 1 OF 2
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE					
REV		SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						


$$(\tau = 1.6 \pm 0.05)$$


1. MATERIAL : NYLON 66, UL 94V-2
2. APPLIED WIRE: 2.5mm PITCH RIBBON CABLE
AWG#24~26
TIN TOP COATED WIRE
3. PLACE OF MANUFACTURE (TRADE-MARK):
JAPAN (MXJ-YAMATO, MXH-SHIOYA)
MALAYSIA (MXL)

42.5	40.5	40.9	37.5	VO 51052-1600	16
40.0	38.0	38.4	35.0	VO 1500	15
37.5	35.5	35.9	32.5	VO 1400	14
35.0	33.0	33.4	30.0	VO 1300	13
32.5	30.5	30.9	27.5	VO 1200	12
30.0	28.0	28.4	25.0	VO 1100	11
27.5	25.5	25.9	22.5	VO 1000	10
25.0	23.0	23.4	20.0	VO 0900	9
22.5	20.5	20.9	17.5	VO 0800	8
20.0	18.0	18.4	15.0	VO 0700	7
17.5	15.5	15.9	12.5	VO 0600	6
15.0	13.0	13.4	10.0	VO 0500	5
12.5	10.5	10.9	7.5	VO 0400	4
10.0	8.0	8.4	5.0	- 0300	3
7.5	5.5	5.9	2.5	VO 51052-0200	2
D	C	B	A	ENG. NO.	CKT.

REVISED EC NO: J2008-2948 DRWN: NAKAMURAA 2008/03/31 CHKD: T. HARUYAMA 2008/04/22 APPR: NUKITA 2008/06/03	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	
				MM ONLY		5:1	METRIC		
		10 UNDER	± 0.2	DRAWN BY T. ITOH		DATE			TITLE 2.5MM PITCH CABLE HOLDER (FOR 6MM STRIP LENGTH)
		10 OVER 30 UNDER	± 0.25	CHECKED BY M. FUKUSHIMA		DATE '97/7/4			
		30 OVER	± 0.3	APPROVED BY M. FUKUSHIMA		DATE '97/7/4			
	ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.				
REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE A3	SEE TABLE					SD-51052-001	SHEET NO. 2 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									