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Part Number: [0510161600](#)
Status: **Active**
Description: 1.50mm (.059") Pitch Cable Holder, Vertical, for Ribbon Cable, 16 Circuits

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51016-001 \(PDF\)](#)

General

Product Family Ribbon Cable / Wire Trap Connectors
Series [51016](#)
Component Type One Piece
Glow-Wire Compliant No
Product Name Board-In, Cable Holder

Physical

Circuits (Loaded) 16
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) 0.059 In
Pitch - Mating Interface (mm) 1.50 mm
Polarized to Mating Part N/A
Polarized to PCB Yes
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +105°C
Wire Insulation Diameter 1.30mm (.051") max.
Wire Size AWG 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-51016-001
Sales Drawing SD-51016-001, SD-51016-002

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Not Reviewed**
**Halogen-Free
Status**

China RoHS



Not Reviewed

**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

[51016Series](#)

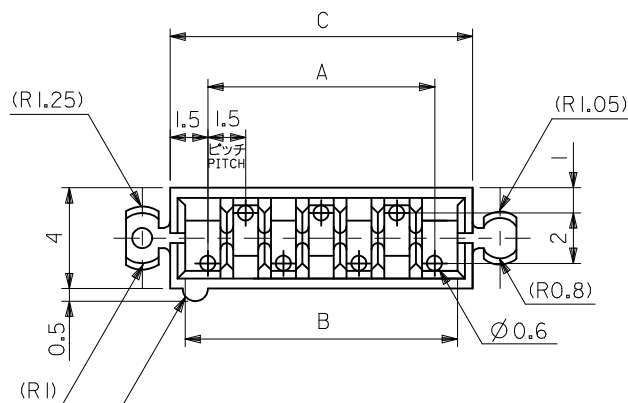
Mates With

N/A

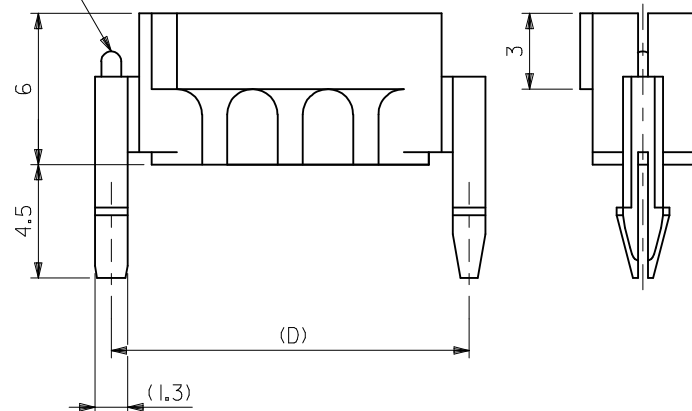
Use With

Topcoated ribbon cable

10 9 8 7 6 5 4 3 2 1



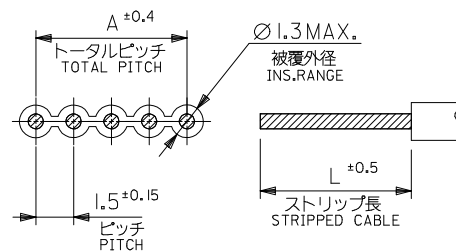
回路NO. 1側
表示用突起
CKT. NO.1
EMBOSSED INDICATION



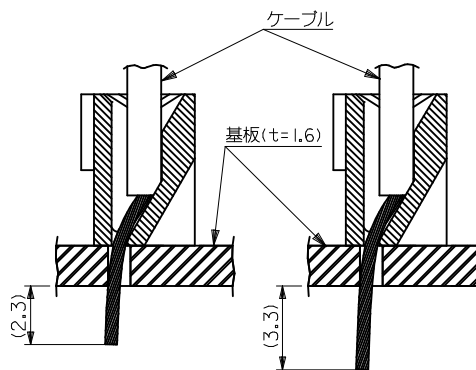
(注記)
(NOTES)

1. 材質:MATERIAL
66ナイロン, UL94V-2
NYLON66, UL94V-2

2. 適用電線: APPLICABLE WIRE
1. 5mmピッチリボンケーブル
1.5mm PITCH RIBON CABLE
(UL2468, AWG#26 鍍コート線)
(UL2468, AWG26 TIN TOP COAT WIRE)

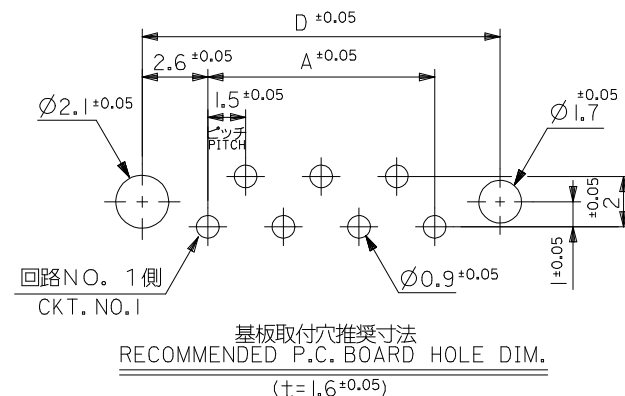


適合電線推奨寸法
APPLICABLE WIRE RECOMMENDED DIM.



ストリップ長L=6mmの
ケーブルを挿入した場合
L=6mm STRIPPED CABLE
INSERTION FIGURE

ストリップ長L=7mmの
ケーブルを挿入した場合
L=7mm STRIPPED CABLE
INSERTION FIGURE

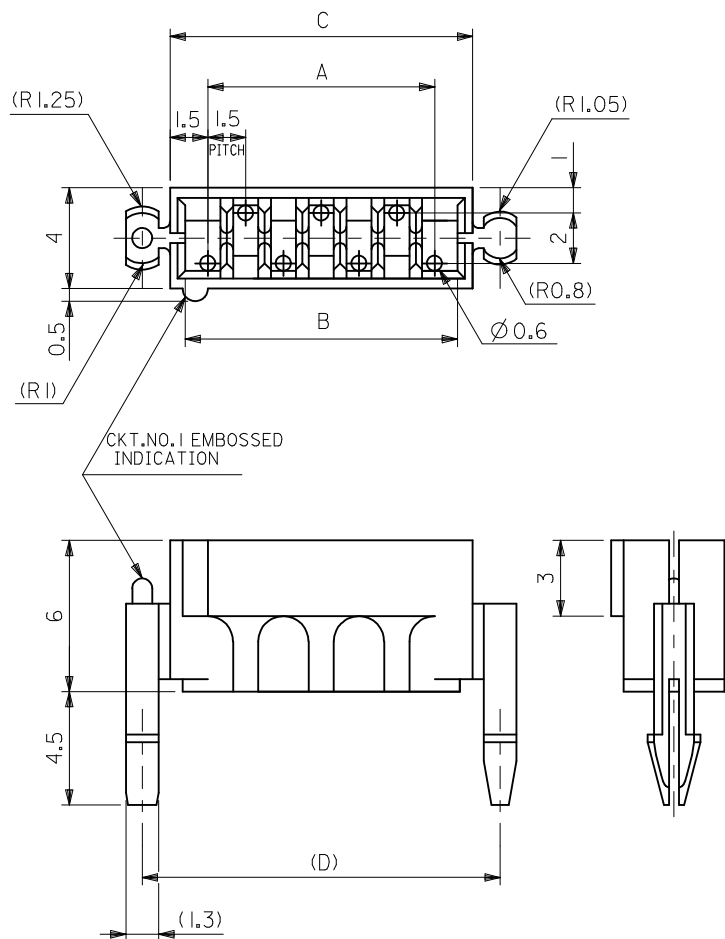
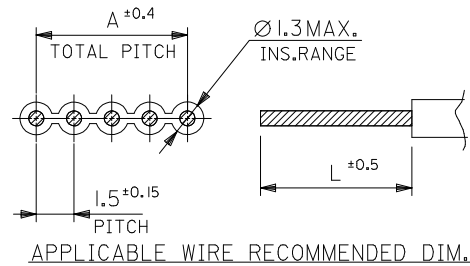
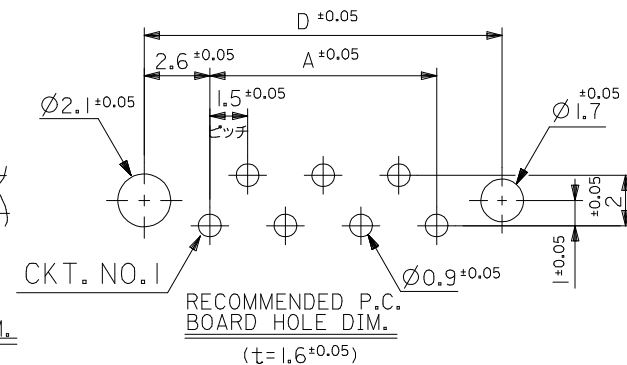
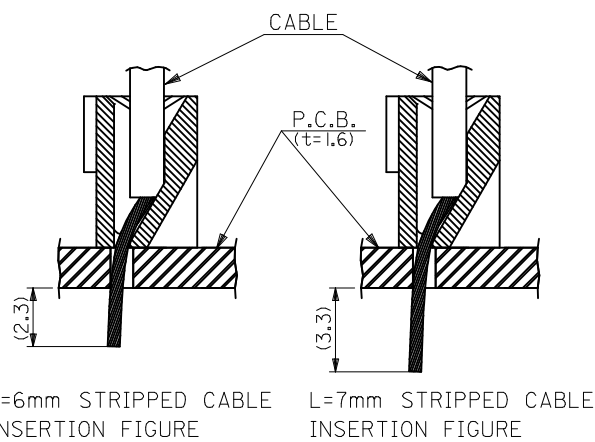


基板取付穴推奨寸法
RECOMMENDED P.C. BOARD HOLE DIM.
(t=1.6 ± 0.05)

33.7	31.5	30.3	28.5	51016-2000	20
32.2	30	28.8	27	-1900	19
29.2	27	25.8	24	-1700	17
27.7	25.5	24.3	22.5	-1600	16
26.2	24	22.8	21	-1500	15
24.7	22.5	21.3	19.5	-1400	14
23.2	21	19.8	18	-1300	13
21.7	19.5	18.3	16.5	-1200	12
20.2	18	16.8	15	-1100	11
18.7	16.5	15.3	13.5	-1000	10
17.2	15	13.8	12	-0900	9
15.7	13.5	12.3	10.5	-0800	8
14.2	12	10.8	9	-0700	7
12.7	10.5	9.3	7.5	-0600	6
11.2	9	7.8	6	-0500	5
9.7	7.5	6.3	4.5	-0400	4
8.2	6	4.8	3	51016-0300	3
D	C	B	A	PLASTIC BAG	CIRCUIT
				ORDER No. オーダー番号	極数

REVISED EC NO: J2009-2177 DRWN: CARIZONO 2009/04/08 CHKD: T. HARUYAMA 2009/04/09 APPR: NUKITA 2009/04/10	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY C. ARIZONO	DATE '09/03/30	TITLE 1.5MM PITCH CABLE HOLDER(ST.)				
		10 OVER 30 UNDER	± 0.25	CHECKED BY T. HARUYAMA	DATE '09/03/30					
		30 OVER	± 0.3	APPROVED BY N. UKITA	DATE '09/03/30	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-51016-001		1 OF 1			
REV		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

10 9 8 7 6 5 4 3 2 1



29.2	27	25.8	24	51016-1700	17
27.7	25.5	24.3	22.5	-1600	16
26.2	24	22.8	21	-1500	15
24.7	22.5	21.3	19.5	-1400	14
23.2	21	19.8	18	-1300	13
21.7	19.5	18.3	16.5	-1200	12
20.2	18	16.8	15	-1100	11
18.7	16.5	15.3	13.5	-1000	10
17.2	15	13.8	12	-0900	9
15.7	13.5	12.3	10.5	-0800	8
14.2	12	10.8	9	-0700	7
12.7	10.5	9.3	7.5	-0600	6
11.2	9	7.8	6	-0500	5
9.7	7.5	6.3	4.5	-0400	4
8.2	6	4.8	3	51016-0300	3
D	C	B	A	PLASTIC BAG	CIRCUIT
				ORDER No. オーダー番号	極数

NOTES

1. MATERIAL: 66NYLON, UL94V-2
2. APPLICABLE WIRE
1.5mm PITCH RIBBON CABLE
(UL2468, AWG#26 TIN TOP COAT WIRE)

REVISED EC NO: J2009-2177 DRWN: CARIZONO 2009/04/08 CHKD: T. HARUYAMA 2009/04/09 APPR: NUKITA 2009/04/10	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY C. ARIZONO	DATE '09/03/30	TITLE 1.5MM PITCH CABLE HOLDER (ST.)(ENGLISH)			
		10 OVER 30 UNDER	± 0.25	CHECKED BY T. HARUYAMA	DATE '09/03/30				
		30 OVER	± 0.3	APPROVED BY N. UKITA	DATE '09/03/30				
		ANGULAR ±3 °		MATERIAL NO.					DOCUMENT NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-51016-002		1 OF 1		
	REV	SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							