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Part Number:

0510161900

Status:

Active

Description:

1.50mm (.059") Pitch Cable Holder, Vertical, for Ribbon Cable, 19 Circuits

Documents:

Drawing (PDF)

Product Specification PS-51016-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Component Type

Glow-Wire Compliant

Product Name

Ribbon Cable / Wire Trap Connectors

51016

One Piece

No

Board-In, Cable Holder

Physical

Circuits (Loaded)

Color - Resin

Entry Angle

Lock to Mating Part

Material - Resin

Number of Rows

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Polarized to Mating Part

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Wire Insulation Diameter

Wire Size AWG

Wire/Cable Type

19

Natural

Vertical

None

Nylon

1

Yes

0.062 In

1.60 mm

Bag

0.059 In

1.50 mm

N/A

Yes

No

No

-40°C to +105°C

1.30mm (.051") max.

26

Ribbon Cable

Electrical

Current - Maximum per Contact

Voltage - Maximum

N/A

N/A

Material Info

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-51016-001

SD-51016-001, SD-51016-002

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

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

51016Series

Mates With

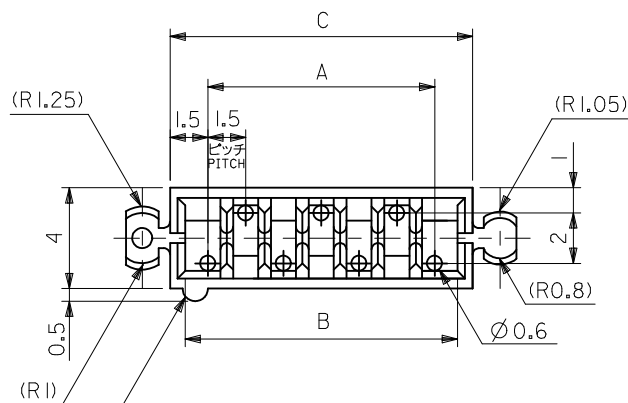
N/A

Use With

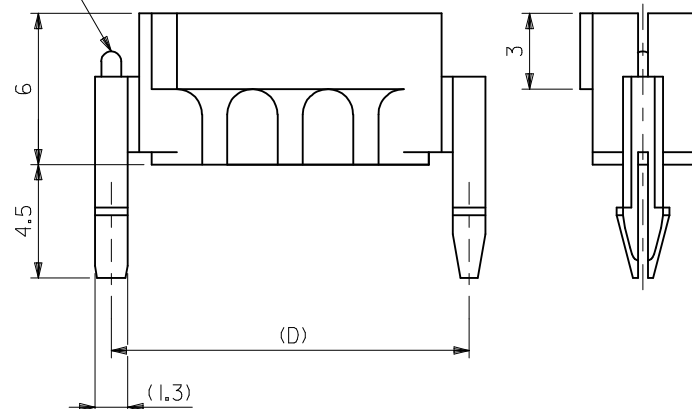
Topcoated ribbon cable

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10 9 8 7 6 5 4 3 2 1



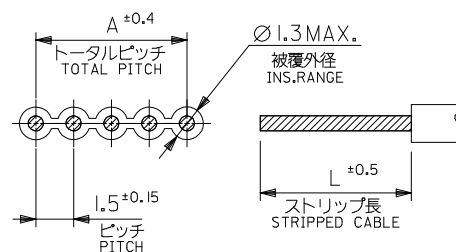
回路NO. 1側
表示用突起
CKT. NO.1
EMBOSSED INDICATION



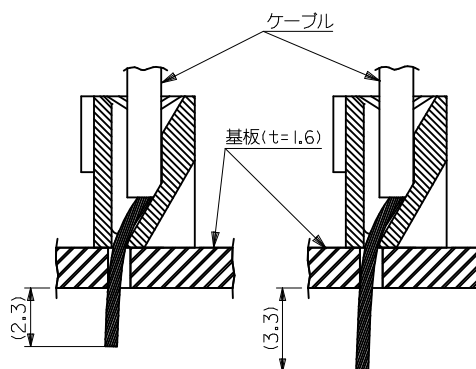
(注記)
(NOTES)

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

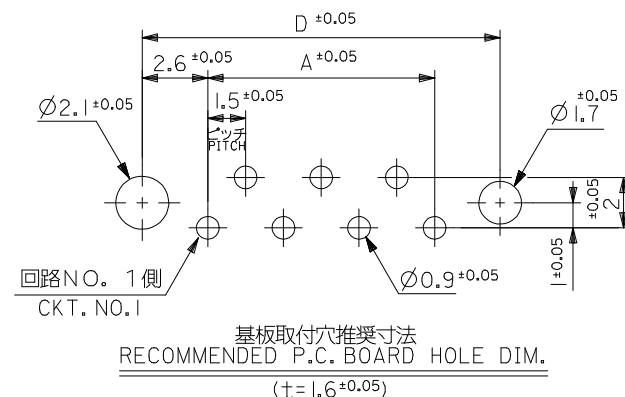
2. 適用電線: APPLICABLE WIRE
1. 5mmピッチリボンケーブル
1.5mm PITCH RIBON CABLE
(UL2468, AWG#26 鍍コート線)
(UL2468, AWG26 TIN TOP COAT WIRE)



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



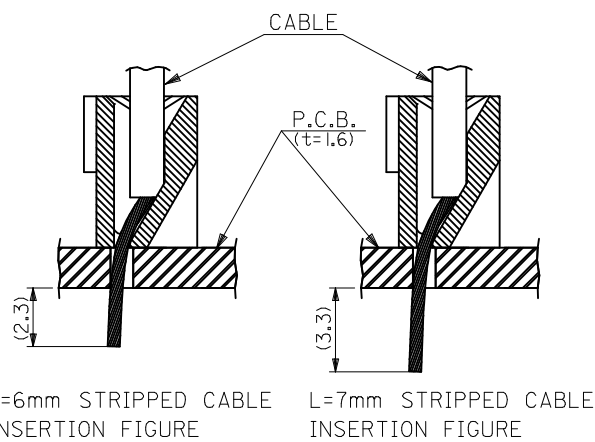
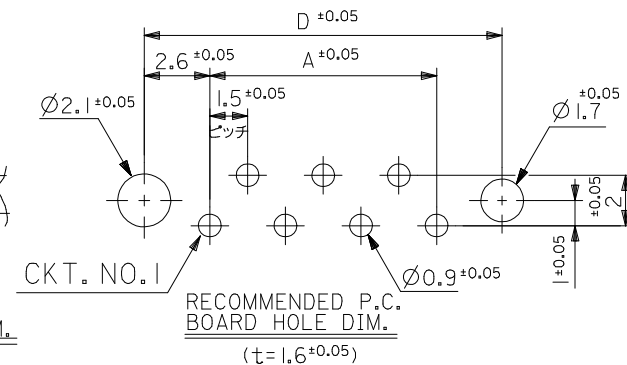
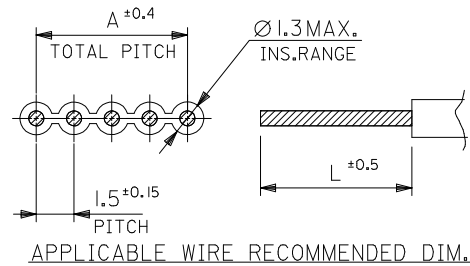
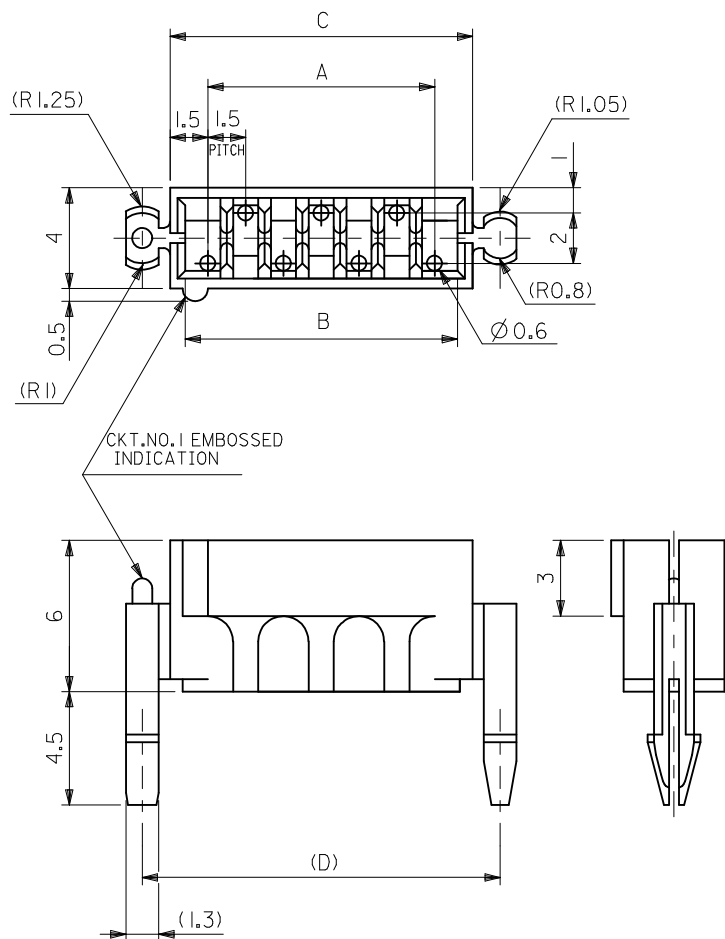
ストリップ長L=6mmの
ケーブルを挿入した場合
L=6mm STRIPPED CABLE
INSERTION FIGURE
ストリップ長L=7mmの
ケーブルを挿入した場合
L=7mm STRIPPED CABLE
INSERTION FIGURE



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 T 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			
		ANGULAR	± 3 °	MATERIAL NO.				
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE A3	SEE TABLE SD-51016-001 1 OF 1				
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)

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		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.	SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-51016-002		
	REV M	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					