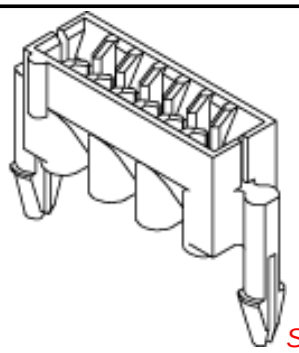
This document was generated on 04/16/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0510160800

Status: Active

Description: 1.50mm (.059") Pitch Cable Holder, Vertical, for Ribbon Cable, 8 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-51016-001 (PDF)
RoHS Certificate of Compliance (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)	8
Color - Resin	Natural
Entry Angle	Vertical
Lock to Mating Part	None
Material - Resin	Nylon
Number of Rows	1
PCB Locator	Yes
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
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.

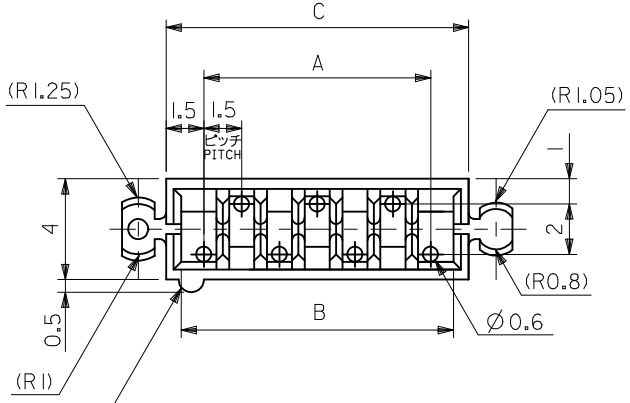
Search Parts in this Series
51016Series

Mates With
N/A

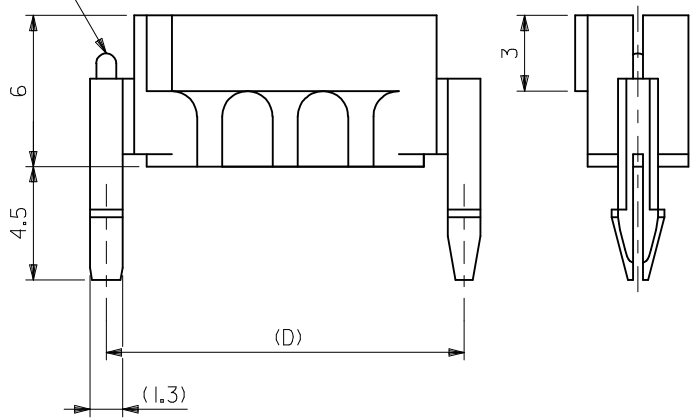
Use With
Top-coated Ribbon Cable

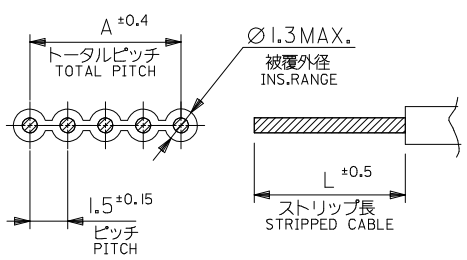
This document was generated on 04/16/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

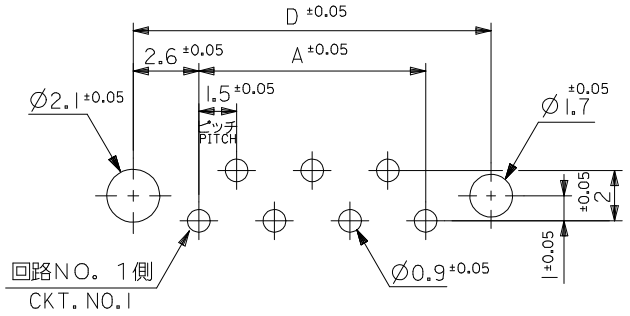


回路NO. 1側
表示用突起
CKT. NO.1
EMBOSSED INDICATION

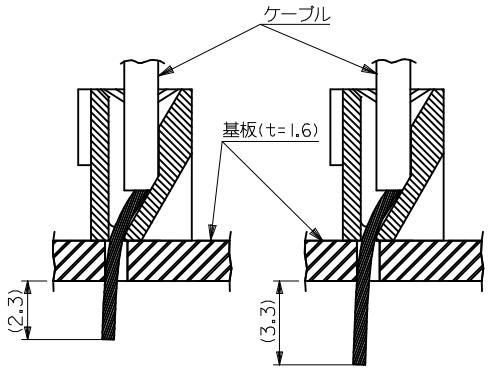




適合電線推奨寸法
APPLICABLE WIRE RECOMMENDED DIM.



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



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

D	C	B	A	PLASTIC BAG ORDER No. オーダー番号	CIRCUIT 極数
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

（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錫コート線）
   (UL2468,AWG26 TIN TOP COAT WIRE)

REVISED
EC NO: J2009-2177 2009/04/08
DRWN:C.ARIZONO 2009/04/09
CH'KD:T.HARUYAMA
APPR:N.UKITA 2009/04/10
DESCRIPTION
REV

GENERAL TOLERANCES
(UNLESS SPECIFIED)

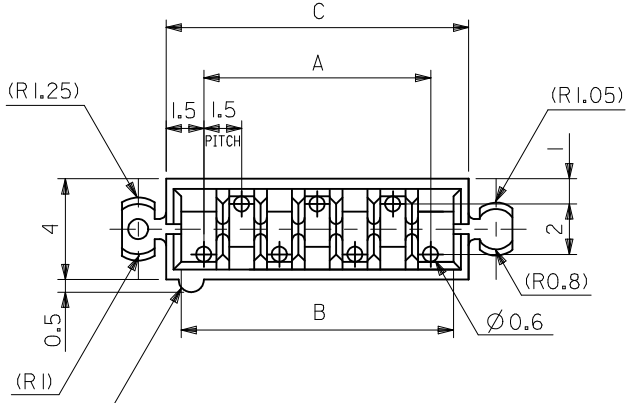
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3 °

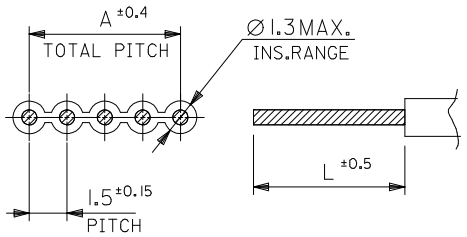
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: 5:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: C.ARIZONO DATE: '09/03/30	TITLE: 1.5MM PITCH CABLE HOLDER(ST.)		
CHECKED BY: T.HARUYAMA DATE: '09/03/30			
APPROVED BY: N.UKITA DATE: '09/03/30	molex MOLEX INCORPORATED		
MATERIAL NO.: SEE TABLE	DOCUMENT NO.: SD-51016-001	SHEET NO.: 1 OF 1	

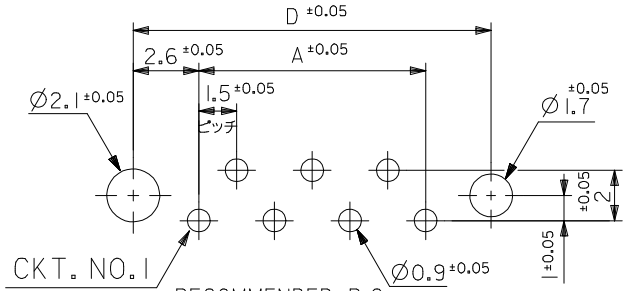
SIZE A3

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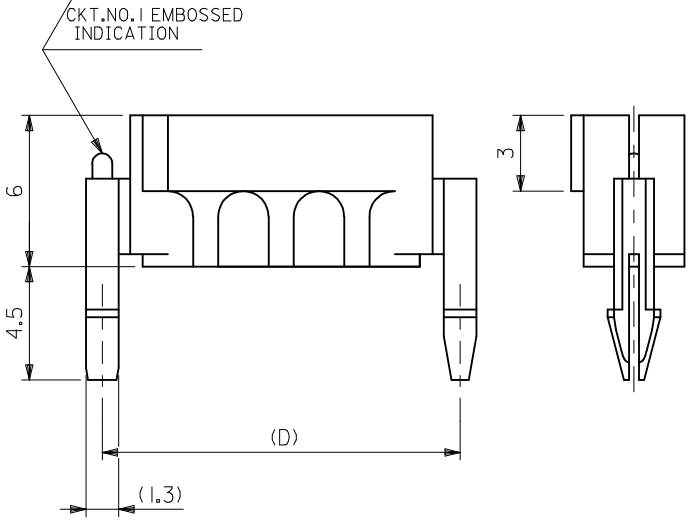


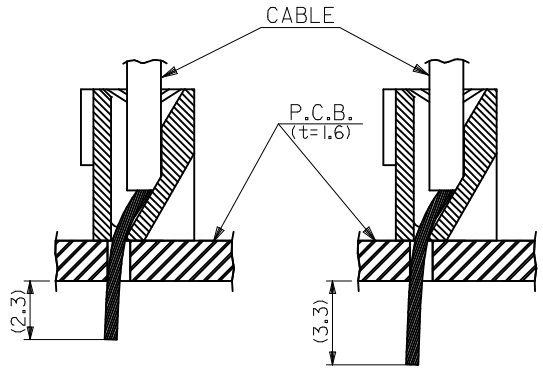


APPLICABLE WIRE RECOMMENDED DIM.



RECOMMENDED P.C. BOARD HOLE DIM.
(t=1.6 ±0.05)





L=6mm STRIPPED CABLE INSERTION FIGURE

L=7mm STRIPPED CABLE INSERTION FIGURE

D	C	B	A	PLASTIC BAG	CIRCUIT
				ORDER No. オーダー番号	極数
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

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

REVISED
E C NO: J2009-2177 2009/04/08
DRWN:C.ARIZONO 2009/04/09
CH'KD:T.HARUYAMA 2009/04/10
APPR:N.UKITA
DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR ±3 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: C.ARIZONO DATE: '09/03/30
CHECKED BY: T.HARUYAMA DATE: '09/03/30
APPROVED BY: N.UKITA DATE: '09/03/30
MATERIAL NO.: SEE TABLE

TITLE: 1.5MM PITCH CABLE HOLDER (ST.)(ENGLISH)

MOLEX INCORPORATED

DOCUMENT NO.: SD-51016-002
SHEET NO.: 1 OF 1
SIZE: A3

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