

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0510160900](#)
Status: **Active**
Description: 1.50mm (.059") Pitch Cable Holder, Vertical, for Ribbon Cable, 9 Circuits

Documents:

[3D Model](#) [Product Specification PS-51016-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [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) 9
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

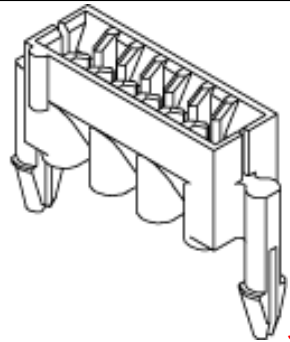
Electrical

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



*Series
image - Reference only*

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](#)

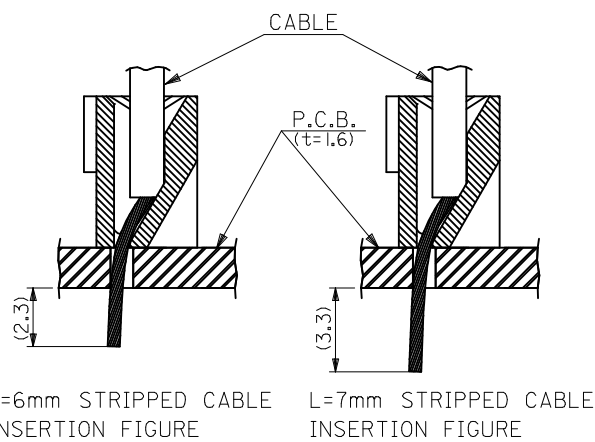
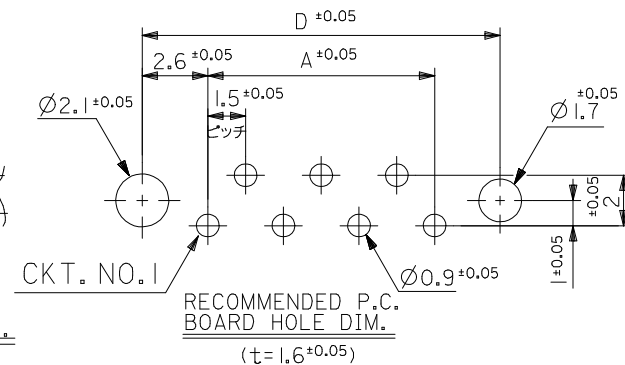
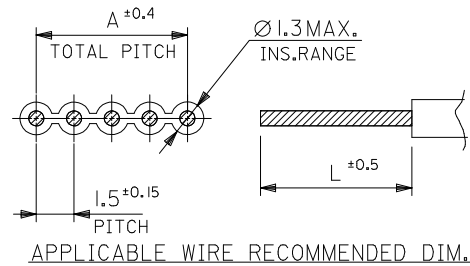
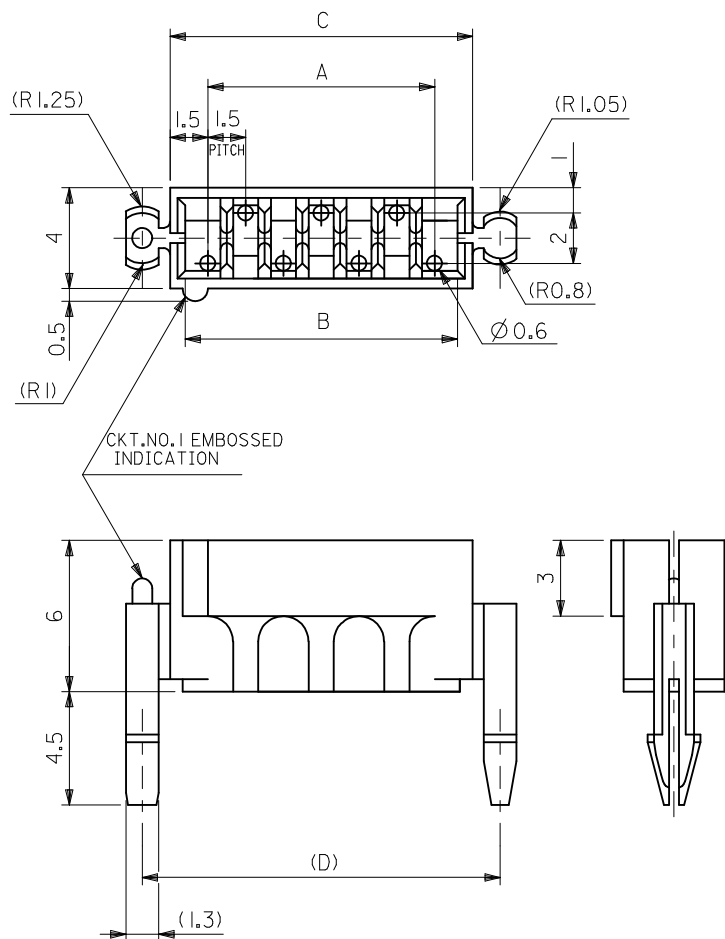
Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series
[51016Series](#)

Mates With
N/A

Use With
Top-coated Ribbon Cable

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.		MOLEX INCORPORATED			SHEET NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		DOCUMENT NO. SD-51016-002		1 OF 1		
	REV M	SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							