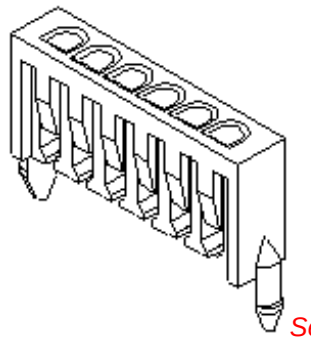
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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0871300700
Status: Active
Description: 2.50mm (.098") Pitch Cable Holder, for Discrete Wire, Flat Cable and Ribbon Cable 7 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-87130-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980

General

Product Family	Ribbon Cable / Wire Trap Connectors
Series	87130
Component Type	One Piece
Glow-Wire Compliant	No
Product Name	Board-In, Cable Holder

Physical

Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Natural
Entry Angle	Vertical
Flammability	94V-0
Lock to Mating Part	None
Material - Resin	Polyester
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)	0.098 In
Pitch - Mating Interface (mm)	2.50 mm
Pitch - Term. Interface (in)	0.098 In
Pitch - Term. Interface (mm)	2.50 mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-25°C to +85°C
Wire Insulation Diameter	1.60mm (.063") max.
Wire Size AWG	24, 26
Wire/Cable Type	Discrete Wire, Ribbon Cable

Electrical

Current - Maximum per Contact	1A
Voltage - Maximum	125V

Material Info

Reference - Drawing Numbers

Product Specification	PS-87130-001
Sales Drawing	SD-87130-**00

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Not Halogen-Free

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.

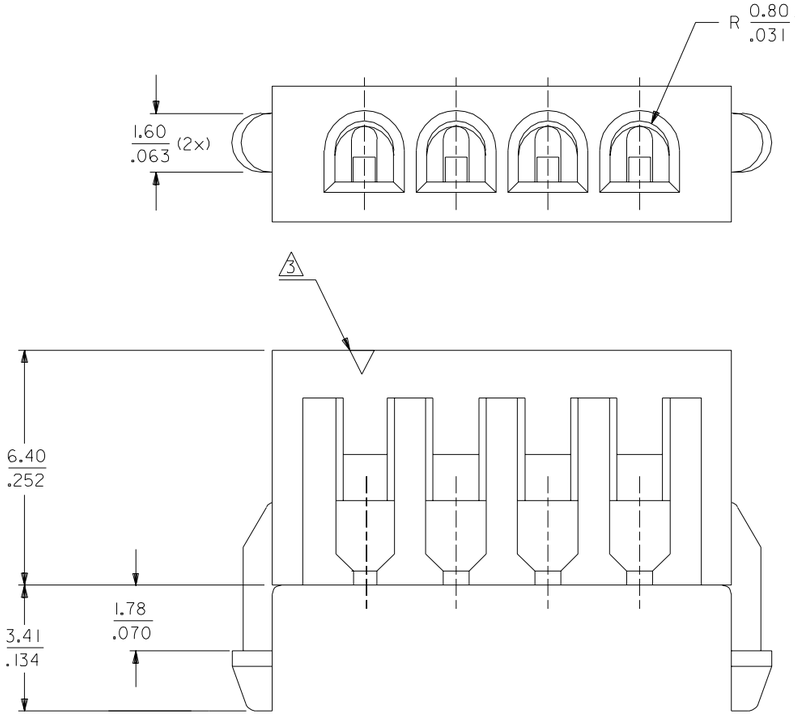
Search Parts in this Series
87130Series

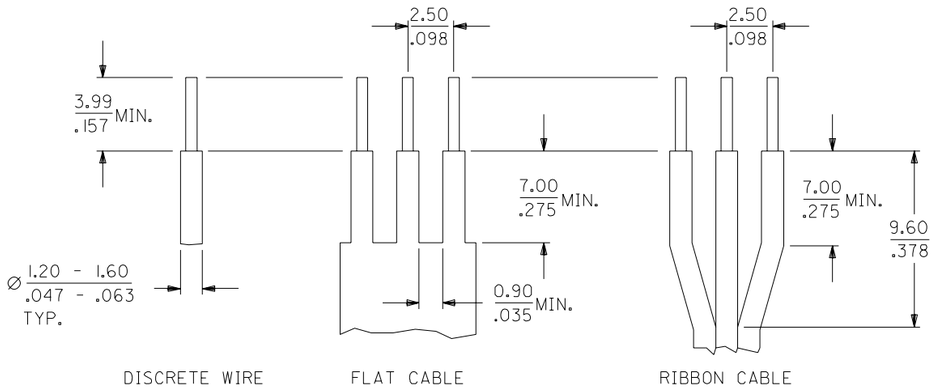
Mates With
N/A

Use With
Discrete Wire, Flat Cable, or Ribbon Cable

This document was generated on 04/19/2010

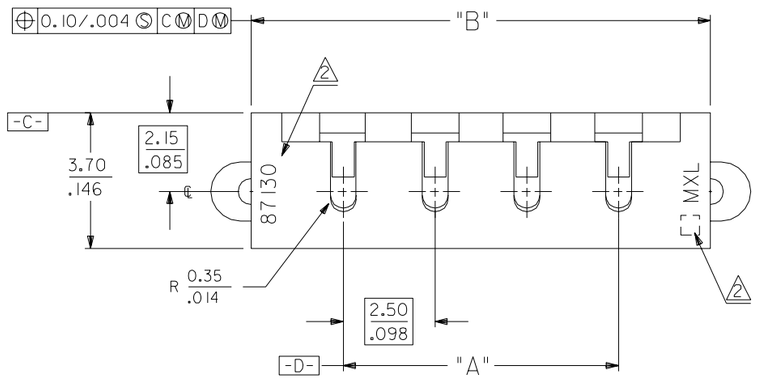
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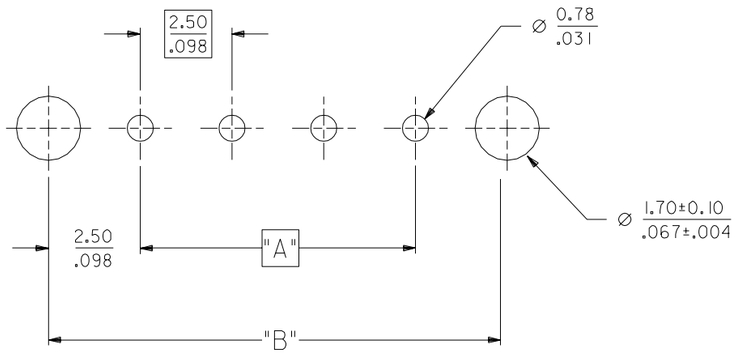




CABLE DIMENSIONS REF.

SCALE - 3 : 1





RECOMMENDED P.C. BOARD LAYOUT

PCB THICKNESS = 1.57mm

ENG. NO.	CKT SIZE	DIM "A"		DIM "B"	
		MM	INCH	MM	INCH
87130-0200	2	2.50	.098	7.50	.295
87130-0300	3	5.00	.197	10.00	.394
87130-0400	4	7.50	.295	12.50	.492
87130-0500	5	10.00	.394	15.00	.591
87130-0600	6	12.50	.492	17.50	.689
87130-0700	7	15.00	.591	20.00	.787
87130-0800	8	17.50	.689	22.50	.886
87130-0900	9	20.00	.787	25.00	.984
87130-1000	10	22.50	.886	27.50	1.083
87130-1100	11	25.00	.984	30.00	1.181
87130-1200	12	27.50	1.083	32.50	1.280
87130-1300	13	30.00	1.181	35.00	1.378
87130-1400	14	32.50	1.280	37.50	1.476
87130-1500	15	35.00	1.378	40.00	1.575
87130-1600	16	37.50	1.476	42.50	1.673
87130-1700	17	40.00	1.575	45.00	1.772
87130-1800	18	42.50	1.673	47.50	1.870
87130-1900	19	45.00	1.772	50.00	1.969
87130-2000	20	47.50	1.870	52.50	2.067

NOTES:

1. FOR ILLUSTRATION PURPOSES, 4 CIRCUITS HAS BEEN SHOWN.
2. MXL LOGO, CAVITY IDENT, ENG. NO., CKT IDENT TO BE AS LARGE AS POSSIBLE AND AS LOCATED.
3. 1st CKT IDENTIFICATION.
4. PARTS TO BE FLAT WITHIN .0045mm/mm AT WIRE ENTRY POSITION.
5. THIS WIRE HOLDER IS FOR USE WITH 26 TO 24 AWG WIRE.

MM / INCH

LTR	REVISION RECORD	ECN	DR / CHK	DATE
A1	ADD 16 TO 20 CKT PER PDR#	-	SEE	991012
	99-09-9019 (ECN# S2000-0181)	-		
A	RFM PER S1252		TAY / NK	901116

REVISE ONLY ON CAD SYSTEM

MATERIAL : VALXO 310, UL 94V-0
COLOR : NATURAL

FINISH : —

DRAWN BY T A Y 880518 | CHK'D BY N K WONG 880519

APPR'D BY N K WONG 880520 | SCALE 6 : 1

MOLEX SINGAPORE PTE LTD

SHEET 1 OF 1

GENERAL TOLERANCES ± 0.20/.008 | REV A1

DWG. NO.: SD-87130-**00

TITLE : 2.5mm CABLE HOLDER

DWG. NO. SD-87130-**00

CAD FILE S87130.DGN

DO NOT SCALE DRAWING

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