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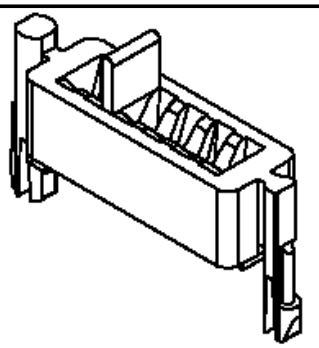
This document was generated on 06/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0304531200

Status: Active

Description: 2.00mm (.079") Pitch Cable Holder, Vertical, for Ribbon Cable, with Polarization, 12 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-30453-0000 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Ribbon Cable / Wire Trap Connectors
Series	30453
Component Type	One Piece
Glow-Wire Compliant	No
Product Name	Board-In, Cable Holder

Physical

Circuits (Loaded)	12
Color - Resin	Natural
Entry Angle	Vertical
Lock to Mating Part	None
Material - Resin	Polyester
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)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Polarized to Mating Part	N/A
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +85°C
Wire Insulation Diameter	1.20mm (.047") max.
Wire Size AWG	26
Wire/Cable Type	Ribbon Cable

Electrical

Current - Maximum per Contact	2.25A
Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers

Product Specification	PS-30453-0000
Sales Drawing	SD-30453-****

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.

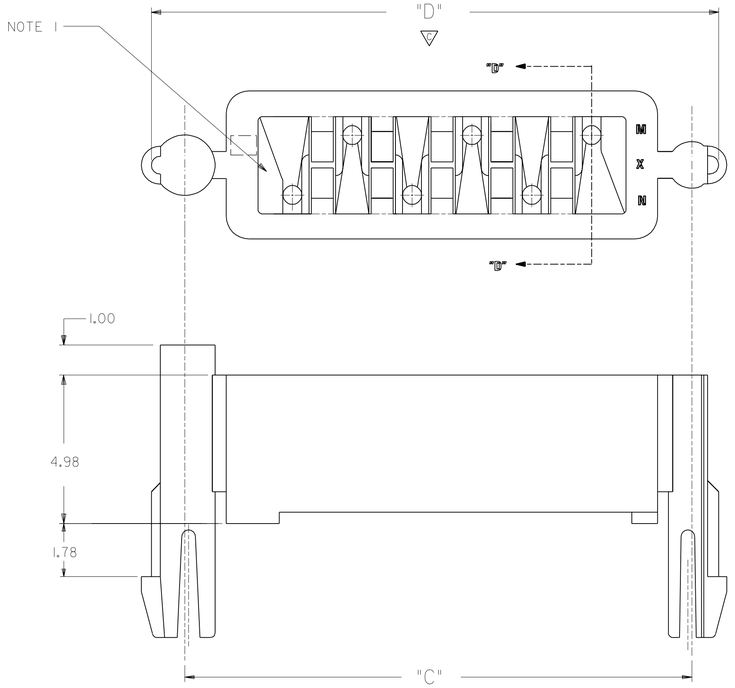
Search Parts in this Series
30453Series

Mates With
N/A

Use With
Topcoated or solid wire ribbon cable

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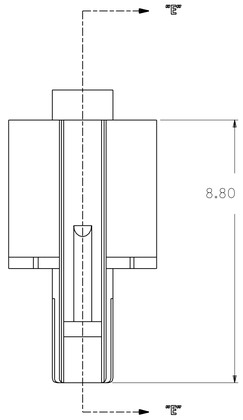


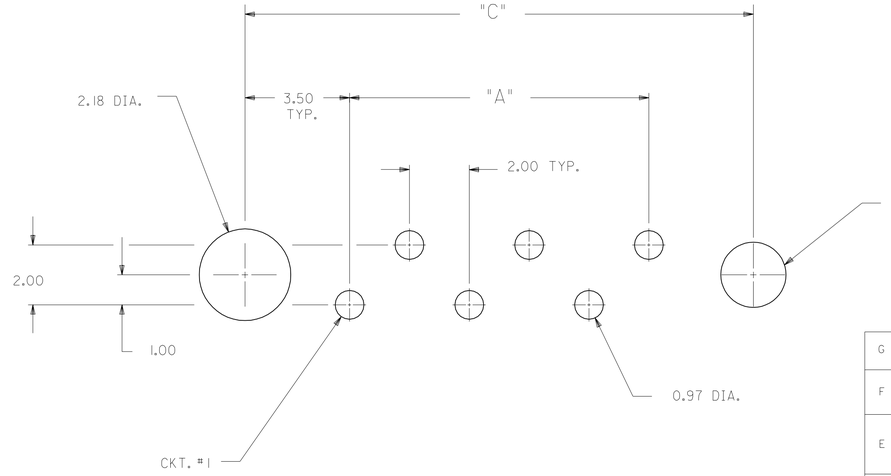
NOTES:

▽ 1. FLASH ON HOLE PERIMETER TO BE .08 MAX.

2. THE "X" OR BLANK PRECEEDING THE ITEM NO. INDICATES IT'S NON-AVAILABILITY OR AVAILABILITY, RESPECTIVELY.

3. PRODUCT SPECIFICATION 30452-0000 APPLIES.

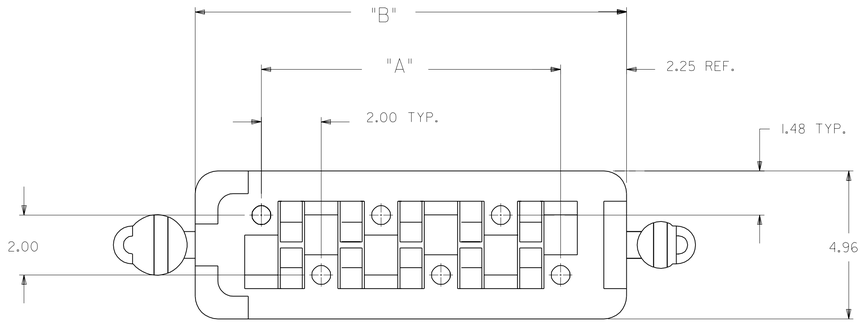


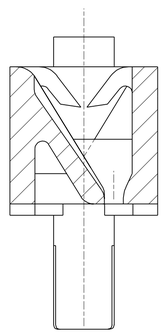


RECOMMENDED P.C. BOARD LAYOUT

BOARD THICKNESS 1.57

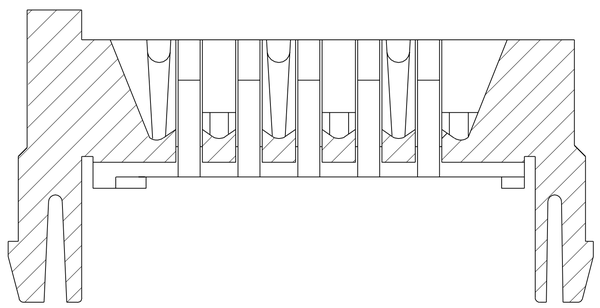
BOARD TOLERANCE ± .05



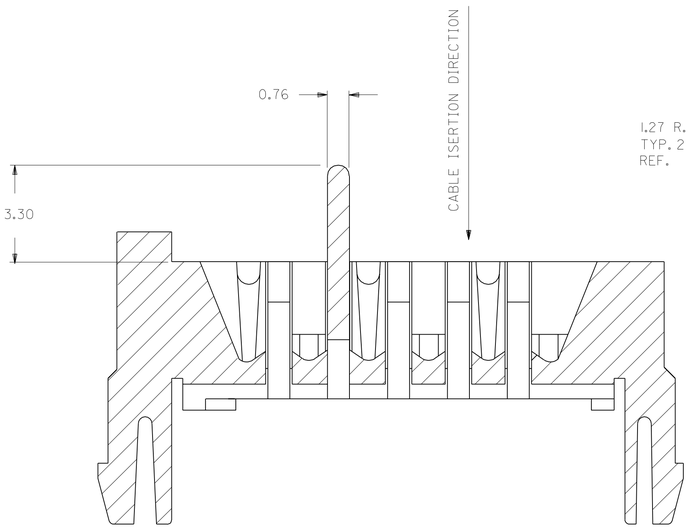


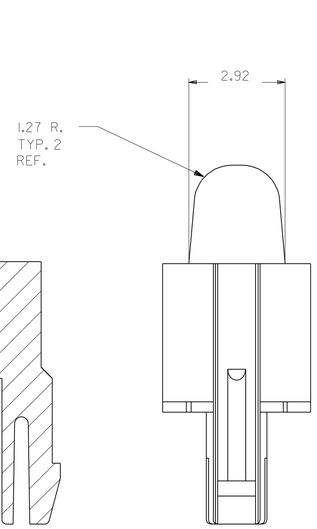
SECTION "D"-"D"

ROTATED 90°



SECTION "E"-"E"





OPTIONAL POLARIZATION FEATURE:

LOCATED BETWEEN CIRCUITS 2 & 3

(SEE CHART SHT. 2)

MATERIAL: POLYESTER, VALOX 457 7.5% GLASS FILLED POLYESTER OR EQUIVALENT

COLOR : WHITE

MFG.	SH.	REV.	LTR.	REVISIONS
			G	CORRECTED DIM. "D" ECN # U5-0007 SPM 94-09-23
			F	CHANGED DIM. "C+2.14" TO "D". ADDED NOTE 3 ECN # U40133 SPM 94-01-28
			E	ADDED CRITICAL DIM. CORRECTED PEG PICTORIALLY ECN # U31550 SPM 93-10-29
			D	UPDATED PEG GEOMETRY ECO # U3-0827 SPM 93-05-28
			C	CHANGED DIM. FROM: 2.30 TO: 3.30 ECO # U3-0647 SPM 93-04-27
			B	DELETED "C" ON PLAN VIEW DELETED 1.25 REF DELETED REF'S ECO # U3-0397 SPM 93-03-16
			A	ECO NO. U21431 ADDED DIM. C + 2.14 MAX.; ADDED NOTE 2 COL. TO CHART; ITEM NO. WAS ENG. NO.; REV. DELCO P/N'S 8.2 REF. WAS 8.2 2.3 REF. WAS 2.3 1.0 REF. WAS 1.0 4.98 REF. WAS 4.98 1.78 REF. WAS 1.78 1.27 REF. WAS 1.27 2.92 REF. WAS 2.92 ADDED NOTE 2; REL TO PROD. DF 9/22/92
			10	ADDED 1.00 HIGH POST DF 6/29/92
			9	UPDATED DWG LEG 05-27-92
			8	CHANGED MATERIAL AJP/LEG 2/24/92
			7	REVISED BOARD LOCKS LEG 02-05-92
			6	MAT'L WAS NYLON ADD OPTIONAL POLARIZATION FEATURE ECR. #U12164 RJG. 91/11/7
			5	REV. LEAD-IN ON END CKTS. ECR. #U11862 RJG. 91/9/10
			4	ADD MATERIAL NOTE REV. P.C.B HOLE SIZE AND BOARD LOCK SIZE ECR. #U11150 RJG. 91/6/26
			3	ADD 1.25 REF. AND 2.25 REF. RJG. 91/4/10
			2	REV. PEGS ECR. #U10729 RJG. 91/4/2
			1	WAS 4MM HIGH RJG. 91/3/13

▽=2 ▼=0 REVISE ONLY ON CAD SYSTEM

DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	± .005	---
2 PLACE	± .01	± .13
1 PLACE	---	± .25

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

TITLE: CABLE HOLDER (VERTICAL) 2.00 PITCH

MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A.

SHEET NO. 1 OF 2 | DATE 91/3/7

PART NO. SEE CHART | DRWG. NO. SD-30453-****

DRWG. BY	CHK'D. BY	FILE NAME	DIV.	SIZE
RJG	LEG	530453 DGN	A	D
APP'D. BY: SC	SCALE: 10:1			

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NOTE 2	ITEM NO.	CKT. #	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	POLARIZATION	NO. OF CABLE RET. FINGERS
	304-53-0400	4	6.00	10.50	13.00	14.90	NOT AVAILABLE	3
X	304-53-0500	5	8.00	12.50	15.00	16.90	YES	4
	304-53-0600	6	10.00	14.50	17.00	18.90	YES	5
X	304-53-0700	7	12.00	16.50	19.00	20.90	YES	6
	304-53-0800	8	14.00	18.50	21.00	22.90	YES	7
	304-53-0900	9	16.00	20.50	23.00	24.90	YES	8
	304-53-1000	10	18.00	22.50	25.00	26.90	YES	9
	304-53-1100	11	20.00	24.50	27.00	28.90	YES	10
	304-53-1200	12	22.00	26.50	29.00	30.90	YES	10 5 AT EACH END
X	304-53-1300	13	24.00	28.50	31.00	32.90	YES	10 5 AT EACH END
X	304-53-1400	14	26.00	30.50	33.00	34.90	YES	10 5 AT EACH END
X	304-53-1500	15	28.00	32.50	35.00	36.90	YES	10 5 AT EACH END
X	304-53-1600	16	30.00	34.50	37.00	38.90	YES	10 5 AT EACH END
X	304-53-1700	17	32.00	36.50	39.00	40.90	YES	10 5 AT EACH END
X	304-53-1800	18	34.00	38.50	41.00	42.90	YES	10 5 AT EACH END
	304-53-1900	19	36.00	40.50	43.00	44.90	YES	10 5 AT EACH END
X	304-53-2000	20	38.00	42.50	45.00	46.90	YES	10 5 AT EACH END
X	304-53-2100	21	40.00	44.50	47.00	48.90	YES	10 5 AT EACH END

G	SEE SHEET 1
F	SEE SHEET 1
E	SEE SHEET 1
D	SEE SHEET 1
C	SEE SHEET 1
B	SEE SHEET 1
A	SEE SHEET 1
10	SEE SHEET 1
9	SEE SHEET 1
8	SEE SHEET 1

MFG.	SH.	REV.	LTR.	REVISIONS

DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	± .005	---
2 PLACE	± .01	± 0.13
1 PLACE	---	± 0.25

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE
CABLE HOLDER
2.00 PITCH

molex MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A.

SHEET NO. 2

DATE 91/11/7

PART NO. SEE CHART

DRWG. NO. SD-30453-****

DRWG. BY	CHK'D. BY	FILE NAME
RJG	LEG	S30453X2
APP'D. BY	SCALE	DIV.
SC	10:1	AU

SIZE D

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