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Part Number: [0359790410](#)
Status: **Active**
Description: 7.92mm (.312") Pitch Wire-to-Board Header, Vertical, 4 Circuits, Natural, Short Pin, Nylon

Documents:

3D Model	Product Specification PS-35979-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
TUV	R72090224
UL	E29179

General

Product Family	PCB Headers
Series	35979
Application	Wire-to-Board
Product Name	MV-396™

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.146 In
PC Tail Length (mm)	3.70 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.156 In
Pitch - Mating Interface (mm)	3.96 mm
Pitch - Term. Interface (in)	0.156 In
Pitch - Term. Interface (mm)	3.96 mm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Through Hole

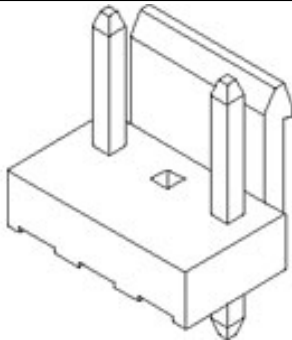


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

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

[35979Series](#)

Mates With

[35977 Wire-to-Board Housing](#)

Electrical

Current - Maximum per Contact	7A
Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-35979-001
Product Specification	PS-35979-001
Sales Drawing	SD-35979-001

This document was generated on 05/21/2010

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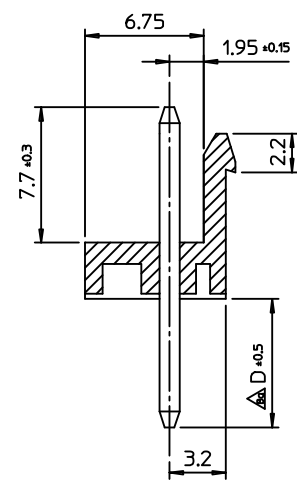
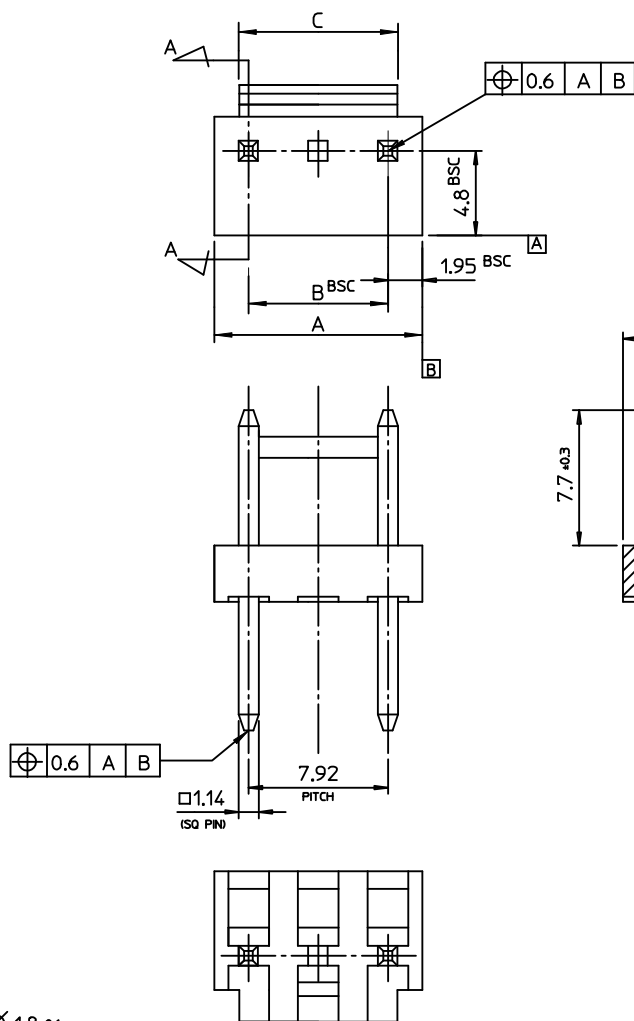
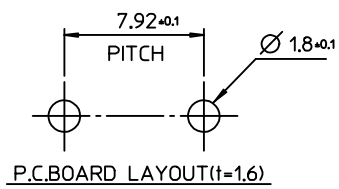
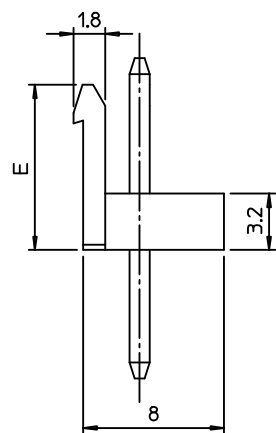
E

D

C

B

A



NOTES

1. MATERIAL : HEADER -PA66, ①PC/PET
PIN : BRASS(CDA 2700)
2. FINISHES : PIN
THICKNESS - TIN PLATED 3.0 MICROMETER MIN.
OVER Cu 1.5 MICROMETER MIN.
3. PRODUCT SPECIFICATION : PS-35979-001

LEGEND

35979-****

- COLOR : 0 - WHITE
1 - BLACK
2 - RED
3 - YELLOW
4 - BLUE

PIN LENGTH : 1 - SHORT PIN (PA66) ①4 - SHORT PIN (PC/PET)
3 - LONG PIN (PA66) ①6 - LONG PIN (PC/PET)

CIRCUIT NO. (02,03,04...)

SECTION A-A

9.4	3.7	56.50	55.44	59.40	3597908**	35979-08**	8	15
		48.58	47.52	51.48	3597907**	35979-07**	7	13
		40.66	39.60	43.56	3597906**	35979-06**	6	11
9.7	3.7	32.74	31.68	35.64	3597905**	35979-05**	5	9
		24.82	23.76	27.72	3597904**	35979-04**	4	7
		16.90	15.84	19.80	3597903**	35979-03**	3	5
		8.98	7.92	11.88	3597902**	35979-02**	2	3
		11.4	8.98	7.92	3597902**	35979-02**	2	3
E	D	C	B	A	MAT'L NO	ENG NO.	CKT	N

REVISED EC NO: KOR2009-0137 DRWN: JHPARK01 2009/05/21 CHKD: WY. YANG 2009/05/21 APPR: YUNS IKKIM 2009/05/22	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>2 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± 0.30</td><td>± ---</td></tr><tr><td colspan="3">ANGULAR ± 2 °</td></tr></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± 0.30	± ---	ANGULAR ± 2 °			DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
					mm	INCH																				
				4 PLACES	± ---	± ---																				
				3 PLACES	± ---	± ---																				
				2 PLACES	± ---	± ---																				
1 PLACE	± 0.30	± ---																								
ANGULAR ± 2 °																										
DRAWN BY YURIWI		DATE 1999/05/07	TITLE 7.92 PITCH W-T-B CONN. HEADER ASS'Y																							
CHECKED BY J. K. OH		DATE 1999/05/07																								
APPROVED BY C. W. LEE		DATE 1999/05/07																								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-35979-001		SHEET NO. 1 OF 01																			
REV				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					

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