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Part Number: [0359780330](#)
Status: **Active**
Description: 3.96mm (.156") Pitch Wire-to-Board Header, Vertical, Low Profile, 3 Circuits, Natural, Polyester Alloy

Documents:

[3D Model](#) [Product Specification PS-35978-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
TUV R72090224
UL E29179

General

Product Family PCB Headers
Series [35978](#)
Application Wire-to-Board
Product Name MV-396™

Physical

Breakaway No
Circuits (Loaded) 3
Circuits (maximum) 3
Color - Resin Natural
Durability (mating cycles max) 30
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant Yes
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 Polyester Alloy
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

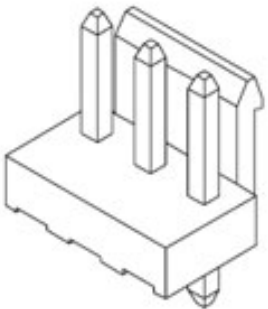


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Not Reviewed
**Halogen-Free
Status**
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
[35978Series](#)

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

Electrical

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

Material Info

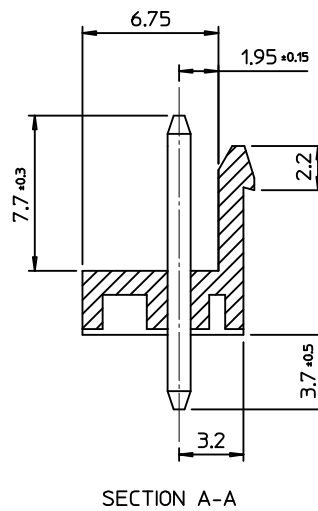
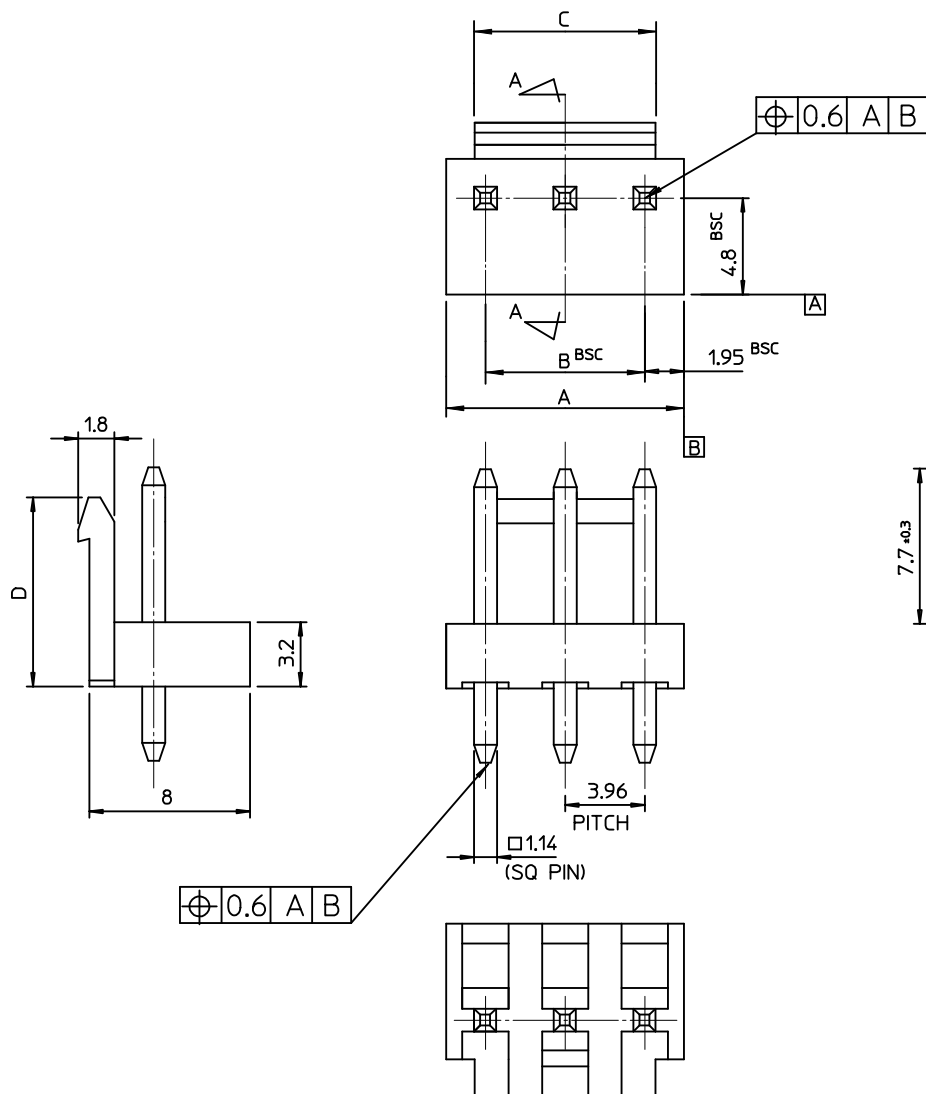
Reference - Drawing Numbers

Packaging Specification	PK-35978-001
Product Specification	PS-35978-001
Sales Drawing	SD-35978-001

This document was generated on 05/24/2010

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10 9 8 7 6 5 4 3 2 1



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-35978-001

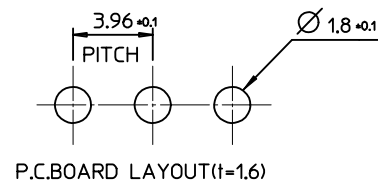
LEGEND

35978-****

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

MATERIAL 1 : PA66 ①3 : PC/PET
CURCUIT NO. (02,03,04...)

9.4	56.50	55.44	59.40	3597815**	35978-15**	15
	52.54	51.48	55.44	3597814**	-14**	14
	48.58	47.52	51.48	3597813**	-13**	13
	44.62	43.56	47.52	3597812**	-12**	12
	40.66	39.60	43.56	3597811**	-11**	11
9.7	36.70	35.64	39.60	3597810**	-10**	10
	32.74	31.68	35.64	3597809**	-09**	9
	28.78	27.72	31.68	3597808**	-08**	8
	24.84	23.76	27.72	3597807**	-07**	7
	20.86	19.80	23.76	3597806**	-06**	6
	16.90	15.84	19.80	3597805**	-05**	5
	12.94	11.88	15.84	3597804**	-04**	4
	8.98	7.92	11.88	3597803**	-03**	3
	5.02	3.96	7.92	3597802**	-02**	2
D	C	B	A	MAT'L NO	ENG NO.	CURCUITS



REVISED
EC NO: KOR2009-0137
DRWN: JHPARK01 2009/05/21
CHKD: WY. YANG 2009/05/21
APPR: YUNSIKKIM 2009/05/22

QUALITY
SYMBOLS
▽=0
▽C=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± 0.30	± ---

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE MM ONLY

DRAWN BY DATE
Y.R.WI 1999/05/07
CHECKED BY DATE
J.K.OH 1999/05/07
APPROVED BY DATE
C.W.LEE 1999/05/07
MATERIAL NO.

SEE TABLE

SCALE
4:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE
3.96 W/B HEADER ASSY

MOLEX INCORPORATED

DOCUMENT NO.
SD-35978-001

SHEET NO.
1 OF 01

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