

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0359781030](#)
Status: **Planned for Obsolescence**
Description: 3.96mm (.156") Pitch Wire-to-Board Header, Vertical, Low Profile, 10 Circuits, Natural, Polyester Alloy

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-35978-001 \(PDF\)](#)

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)	10
Circuits (maximum)	10
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-Lead
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

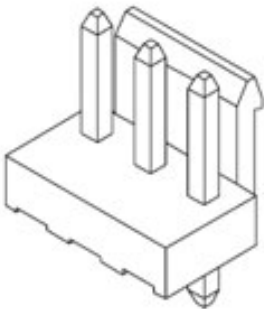


image - Reference only

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

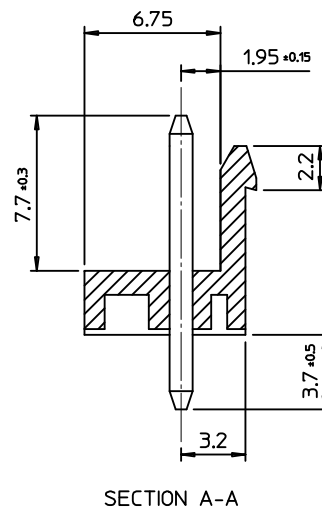
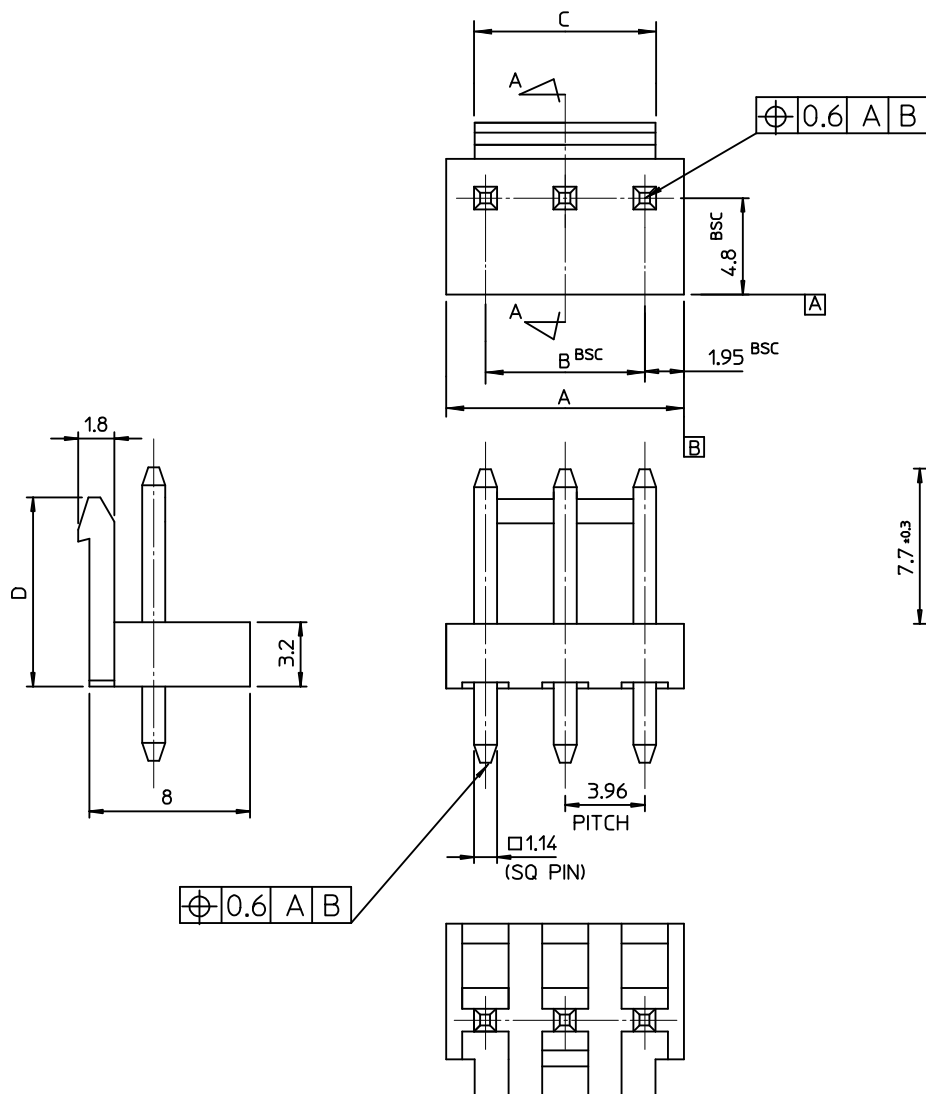
Reference - Drawing Numbers

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

This document was generated on 06/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

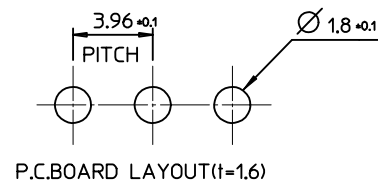
LEGEND

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
D	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

SIZE
A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE
4:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE
3.96 W/B HEADER ASSY

MOLEX MOLEX INCORPORATED

DOCUMENT NO.
SD-35978-001

SHEET NO.
1 OF 01