

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0359781230

Status:

Planned for Obsolescence

Description:

3.96mm (.156") Pitch Wire-to-Board Header, Vertical, Low Profile, 12 Circuits, Natural, Polyester Alloy

Documents:

Drawing (PDF)

Product Specification PS-35978-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

General

Product Family

Series

Application

Product Name

PCB Headers

35978

Wire-to-Board

MV-396™

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

12

12

Natural

30

No

94V-0

Yes

No

None

Yes

Brass

Tin

Tin-Lead

Polyester Alloy

1

Vertical

0.146 In

3.70 mm

No

None

0.062 In

1.60 mm

Bag

0.156 In

3.96 mm

0.156 In

3.96 mm

No

No

No

Yes

No

-25°C to +85°C

Through Hole

Electrical

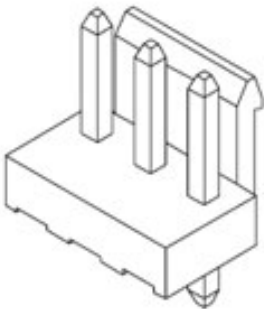


image - Reference only

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

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

Material Info

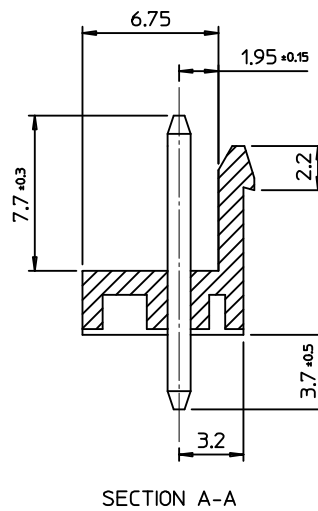
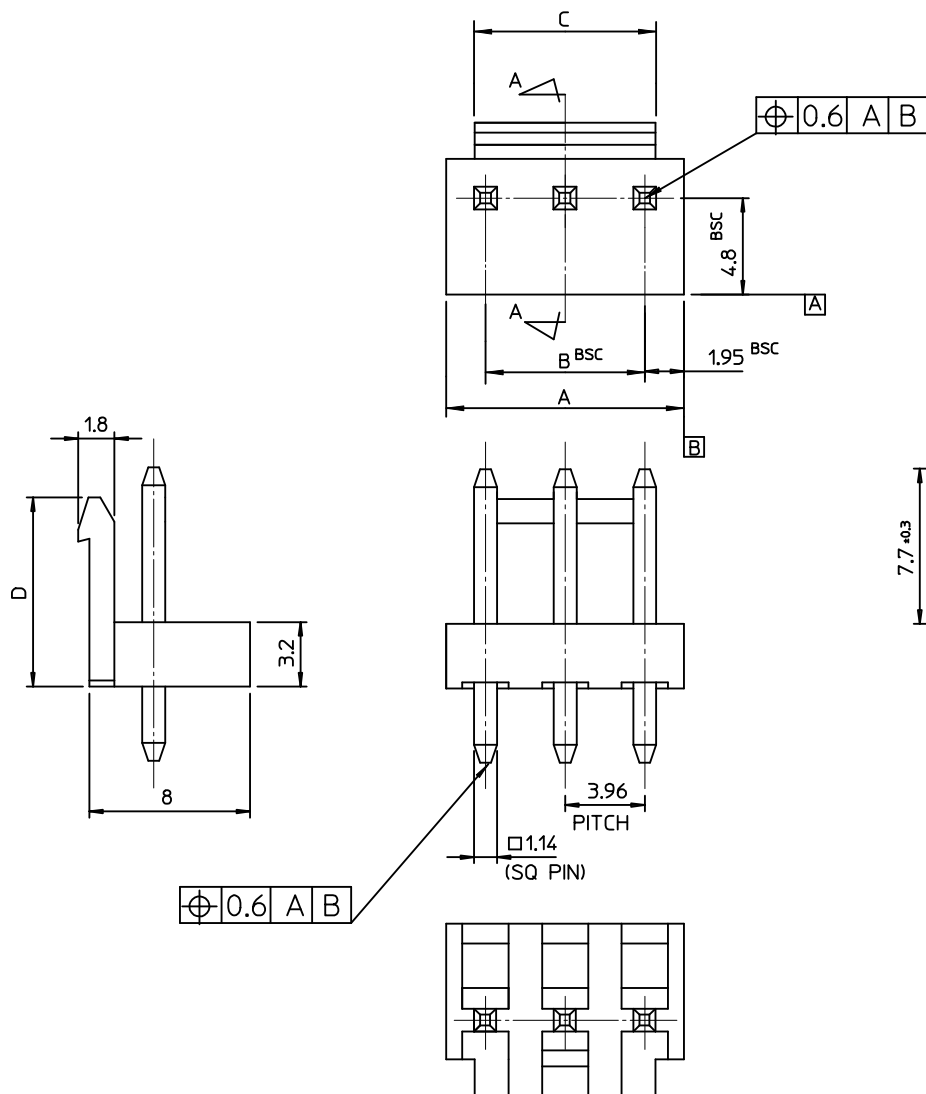
Reference - Drawing Numbers

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

This document was generated on 06/07/2010

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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

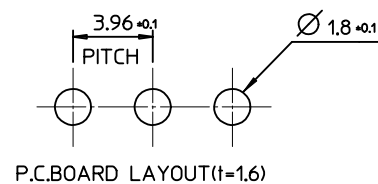
LEGEND

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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