

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0359780230

Status:

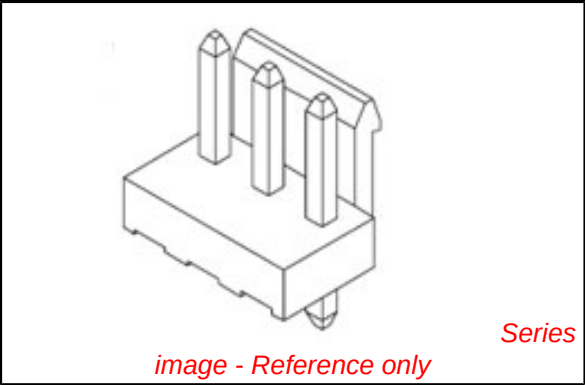
Active

Description:

3.96mm (.156") Pitch Wire-to-Board Header, Vertical, Low Profile, 2 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)	2
Circuits (maximum)	2
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



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

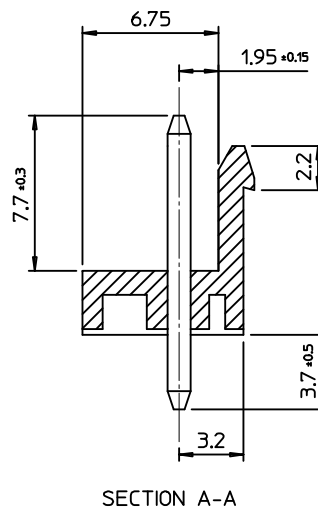
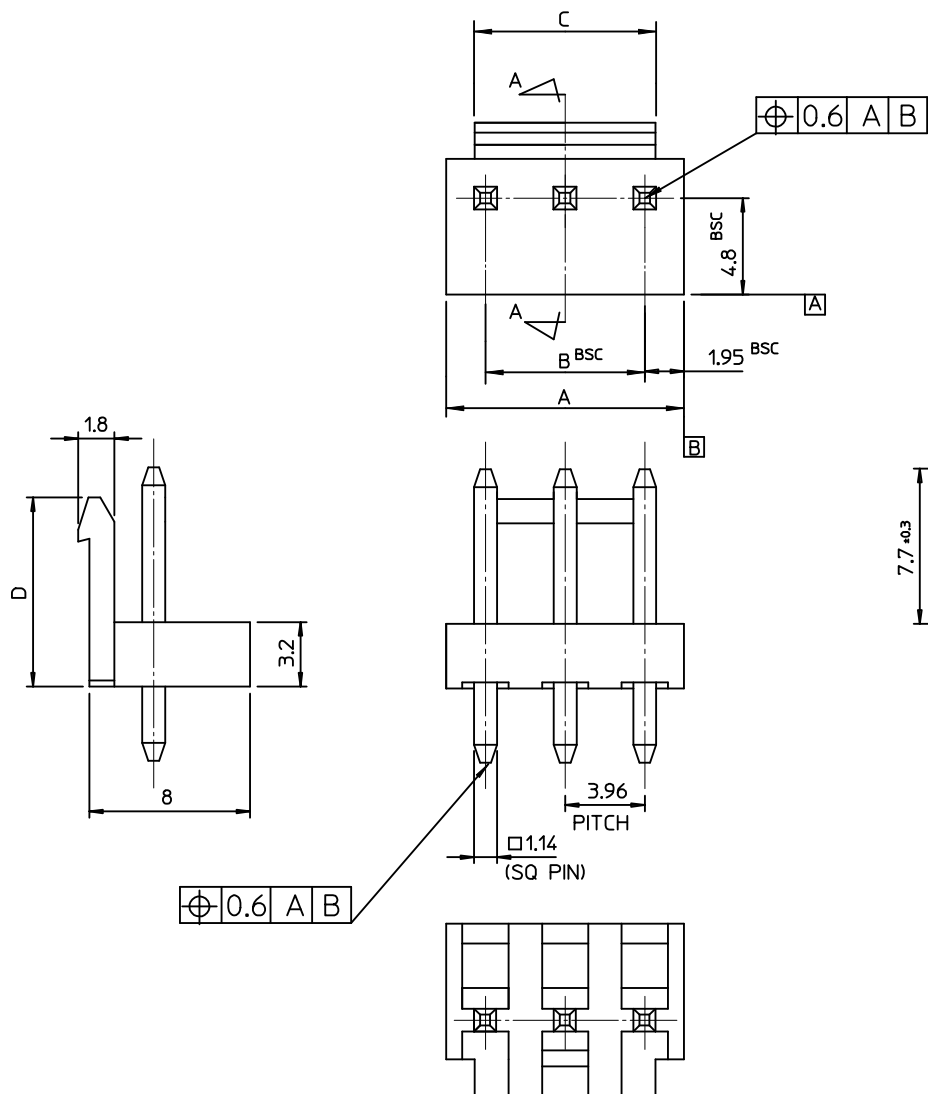
Reference - Drawing Numbers

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



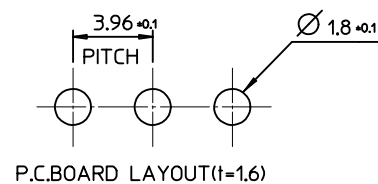
NOTES

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	
SIZE	A3

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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