

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

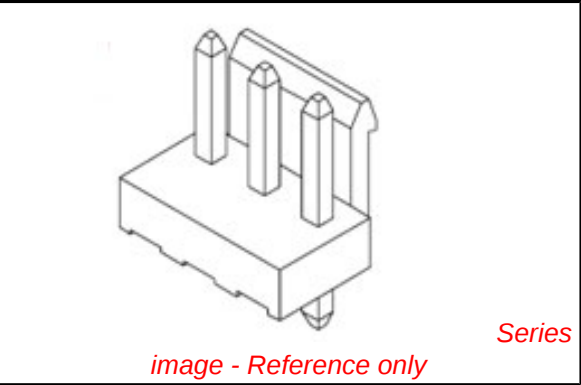
0359780370

Status:

Planned for Obsolescence

Description:

3.96mm (.156") Pitch Wire-to-Board Header, Vertical, Low Profile, 9 Circuits, 10 Postions with Pins 4 Voided, Natural, Nylon



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)	8
Circuits (maximum)	9
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-Lead
Material - Plating Termination	Tin-Lead
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

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

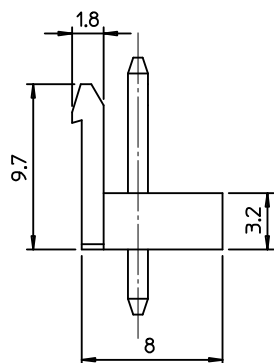
Material Info

Reference - Drawing Numbers

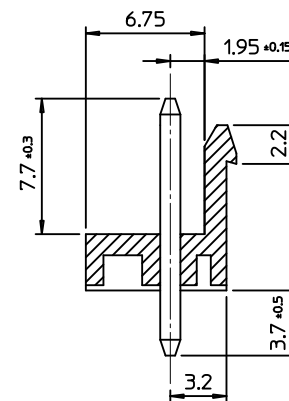
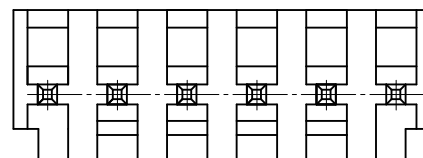
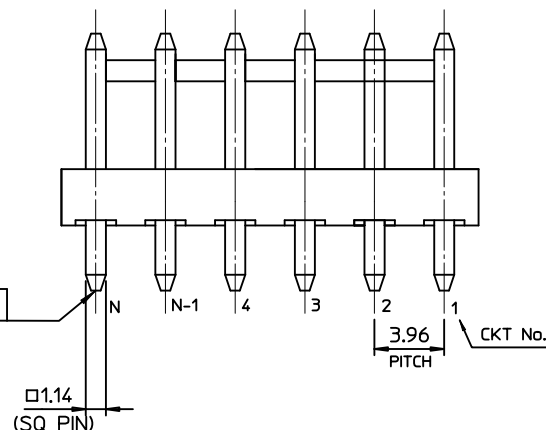
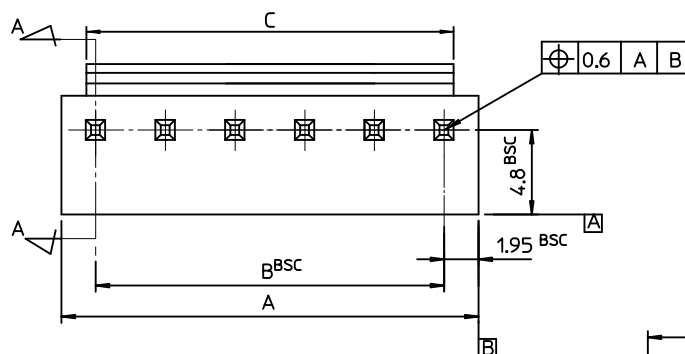
Product Specification	PS-35978-001
Sales Drawing	SD-35978-003

This document was generated on 06/07/2010

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0.6 A B



SECTION A-A

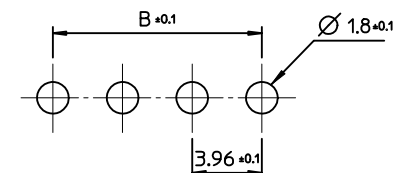
NOTES

1. MATERIAL : HEADER - PA66
2. FINISHES : PIN : BRASS(CDA 2700)
THICKNESS - TIN-LEAD(Sn-Pb) 3.0 MICROMETER MIN.
OVER Cu 1.5 MICROMETER MIN.
3. MATES WITH : 35977-****
4. PRODUCT SPECIFICATION : PS-35978-001

LEGEND

35978-****

- COLOR : 0 - WHITE
1 - BLACK
2 - RED
3 - YELLOW
4 - BLUE
MATERIAL 7 : PA66 ⑧ : PC/PET
CONSECUTIVE No.



P.C. BOARD LAYOUT (t=1.6)

				0	0	0	0	X	0	20.86	19.80	23.76	3597804**	35978-04**	5	6	⑧
0	0	0	0	0	0	0	X	0	0	36.70	35.64	39.6	3597803**	35978-03**	9	10	
						0	0	X	0	12.94	11.88	15.84	3597802**	35978-02**	3	4	
						0	X	X	0	12.94	11.88	15.84	3597801**	35978-01**	2	4	
10	9	8	7	6	5	4	3	2	1	CKT NO.		C	B	A	MAT'L NO	ENG NO.	CKT N

REVISED EC NO: KOR2010-0138 DRWN: JHPARK01 2010/03/08 CHKD: WY. YANG 2010/03/22 APPR: YUNS IKK IM 2010/03/22	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY YR. WI	DATE 2000/09/30	TITLE 3.96 PITCH W-T-B CONN. HEADER ASS'Y (VOID)			
			4 PLACES	± ---	± ---	CHECKED BY JK. OJ	DATE 2000/09/30				
			3 PLACES	± ---	± ---	APPROVED BY CW. LEE	DATE 2000/09/30	MOLEX INCORPORATED			
			2 PLACES	± ---	± ---	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-35978-003				
			1 PLACE	± 0.2	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											