

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0359781220](#)
Status: **Planned for Obsolescence**
Description: 3.96mm (.156") Pitch Wire-to-Board Header, Right Angle, Low Profile, 12 Circuits, Natural, Nylon

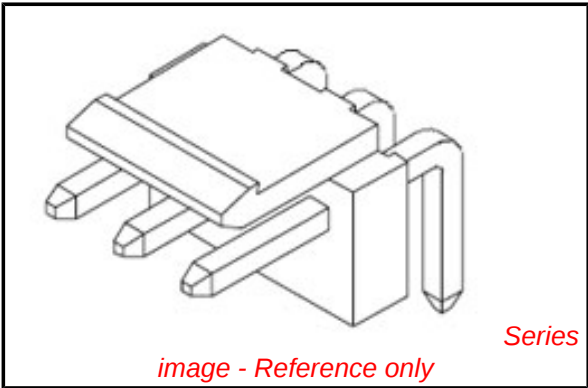
Documents:
[3D Model](#) [Product Specification PS-35978-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
CSA LR19980

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

Physical
Breakaway No
Circuits (Loaded) 12
Circuits (maximum) 12
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
Material - Plating Termination Copper
Material - Resin Nylon
Number of Rows 1
Orientation Right Angle
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

Electrical



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

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

Product Specification	PS-35978-001
Sales Drawing	SD-35978-002

This document was generated on 06/07/2010

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NOTES

1. MATERIAL : HEADER - PA66, PBT/PC
PIN : BRASS(CDA 2700)
2. FINISHES : PIN
THICKNESS - TIN 3.0 MICROMETER MIN.
OVER Cu 1.5 MICROMETER MIN.
3. PRODUCT SPECIFICATION : PS-35978-002

LEGEND

35978-****

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

MATERIAL : 2 : PA66 4 : PBT/PC

CURCUIT NO. (02,03,04...)

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
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
9.7	5.02	3.96	3597802**	-02**	2
D	C	B	A	MAT'L NO	ENG NO.
					CURCUITS

DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
DRAWN BY J. WILSON	DATE 1999/05/07	TITLE 3.96 W/B HEADER ASSY(RA)			
CHECKED BY J. OH	DATE 1999/05/07				
APPROVED BY J. LEE	DATE 1999/05/07	MOLEX INCORPORATED			
MATERIAL NO.	DOCUMENT NO.	SD-35978-002		SHEET NO. 1 OF 01	
SEE TABLE					
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± 0.2	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

QUALITY
SYMBOLS
▽=0
▽=0

REVISED	EC NO: KOR2008-0143	2008/02/26
DRWN: JHPARK01	2008/02/26	
CHKD: WY. YANG	2008/02/26	
APPR: YUNSIKKIM	2008/02/27	
REV	DESCRIPTION	

