

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0359780540](#)
Status: **Planned for Obsolescence**
Description: 3.96mm (.156") Pitch Wire-to-Board Header, Right Angle, Low Profile, 5 Circuits, Natural, Natural, Polyester Alloy

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

Agency Certification

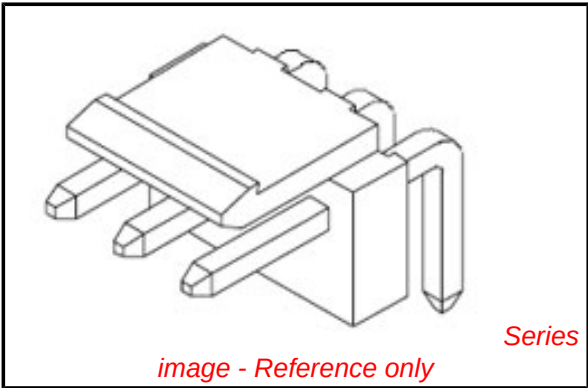
CSA	LR19980
TUV	R72090224
UL	E29179

General

Product Family	PCB Headers
Series	35978
Application	Wire-to-Board
Product Name	MV-396™

Physical

Breakaway	No
Circuits (Loaded)	4
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-Lead
Material - Plating Termination	Tin-Lead
Material - Resin	Polyester Alloy
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



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-35978-002

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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.

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
MM ONLY		4:1	METRIC		
DRAWN BY	DATE	TITLE 3.96 W/B HEADER ASSY(RA)			
J. WI	1999/05/07				
CHECKED BY	DATE	MOLEX INCORPORATED			
J. OH	1999/05/07				
APPROVED BY	DATE	SD-35978-002			
J. LEE	1999/05/07				
MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
SEE TABLE		SD-35978-002		1 OF 01	
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

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

