

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0359780720

Status:

Active

Description:

3.96mm (.156") Pitch Wire-to-Board Header, Right Angle, Low Profile, 7 Circuits, Natural, Nylon

Documents:

3D Model

Drawing (PDF)

Product Specification PS-35978-001 (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)	7
Circuits (maximum)	7
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	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

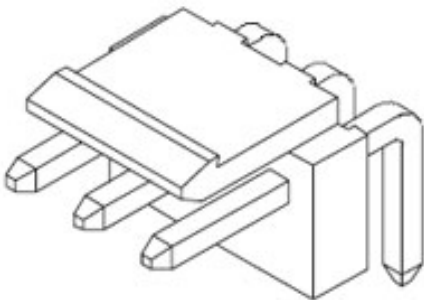


image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free Status

Halogen-Free

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.
					CURCUITS

DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
DRAWN BY Y. R. WI	DATE 1999/05/07	TITLE 3.96 W/B HEADER ASSY(RA)	
CHECKED BY J. K. OH	DATE 1999/05/07	MOLEX INCORPORATED	
APPROVED BY C. W. LEE	DATE 1999/05/07	DOCUMENT NO. SD-35978-002	SHEET NO. 1 OF 01
MATERIAL NO.	SEE TABLE		
SIZE A3	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
▽C=0

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

