

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0353130560](#)
Status: **Active**
Description: 3.96mm (.156") Pitch Header, Vertical, Shrouded, with Positive Lock, 5 Circuits, PA Polyamide (Nylon) 6/6, Glass-filled, Natural

Documents:

3D Model	Product Specification PS-35156-004 (PDF)
Packaging Specification (PDF)	RoHS Certificate of Compliance (PDF)
Drawing (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	35313
Application	Wire-to-Board
Product Name	N/A

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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 - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.134 In
PC Tail Length (mm)	3.40 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
Plating min: Mating (µin)	200
Plating min: Mating (µm)	5
Plating min: Termination (µin)	200
Plating min: Termination (µm)	5
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	No

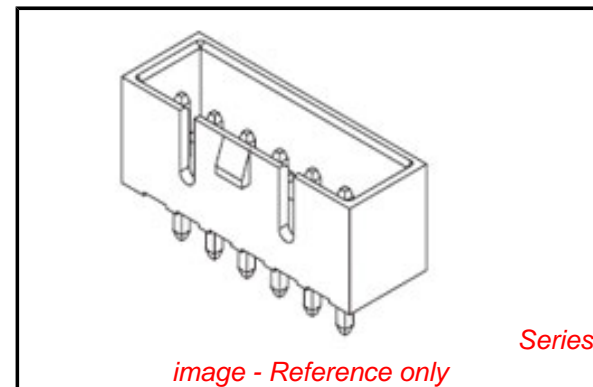


image - Reference only

EU RoHS

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

China RoHS



Not Halogen-Free

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

[35313Series](#)

Mates With

[35156 Wire-to-Board Housing](#)

Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 7A
Voltage - Maximum 250V

Material Info

Reference - Drawing Numbers

Product Specification PS-35156-004
Sales Drawing SD-35313-001

This document was generated on 03/22/2010

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DO NOT SCALE DRAWING
DIMENSION IN METRIC

PROJECT NO.

SIMILAR ITEM

DWG. 10.

B

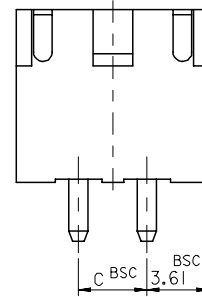
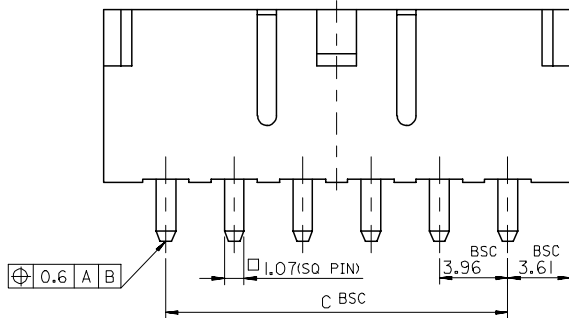
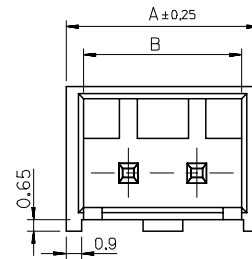
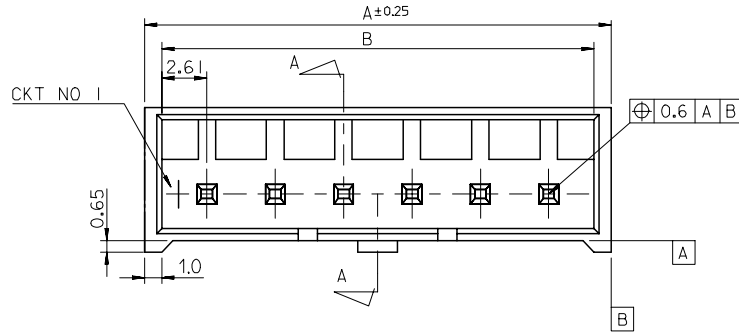
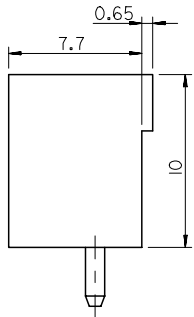
C

V

35313-***

SD-35313-001

8 7 6 5 4 3 2 1



2 CKT ONLY

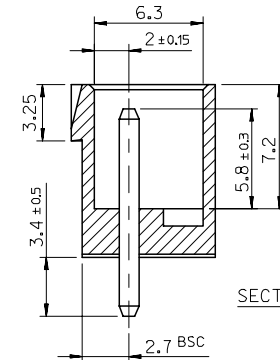
NOTE

1. MATERIAL : WAFER : NYLON66, GLASS FILLED 20%
PIN : BRASS, TIN PLATED

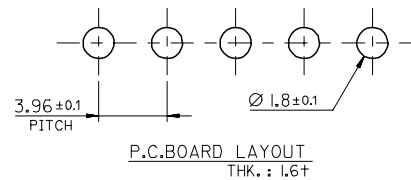
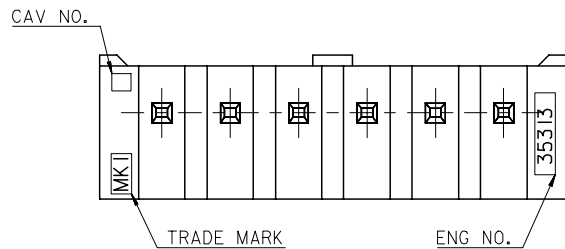
2. LEGEND

35313-*** 6 *
COLOR : 0 - NATURAL
1 - BLACK
2 - RED
3 - YELLOW
4 - BLUE
CKT NO.(02,03,04...)

3. THIS PRODUCT SHALL BE COMPLIED WITH
RoHS COMPATIBLE(LEAD FREE SOLDERABILITY)



SECTION A-A



43.56	48.78	50.78	35313-126*	12
39.6	44.82	46.82	-116*	11
35.64	40.86	42.86	-106*	10
31.68	36.9	38.9	-096*	9
27.72	32.94	34.94	-086*	8
23.76	28.98	30.98	-076*	7
19.8	25.02	27.02	-066*	6
15.84	21.06	23.06	-056*	5
11.88	17.1	19.1	-046*	4
7.92	13.14	15.14	-036*	3
3.96	9.18	11.18	35313-026*	2
C	B	A	ENG NO.	CKT NO.

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A

REVISED EC NO. KOR2006-0105 DRWN: K.S.KIM 06/03/23 CHK: K.S.KIM APPR: Y.SOO/KIM	QUALITY SYMBOLS MAJOR = CRITICAL =	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 3.5:1	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	THIRD ANGLE PROJECTION	DIMENSIONS: <input type="checkbox"/> mm INCH <input type="checkbox"/> INCH mm <input checked="" type="checkbox"/> mm ONLY		SHT	REV
		4 PLACES	±0.	±.	DRAWN BY & DATE K.S.KIM 040513		TITLE: 3.96 PITCH W/B CONN. WAFER ASS'Y (WITH LOCK)			
DESCRIPTION REV	DRAWING WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	3 PLACES	±0.	±.	CHECKED BY & DATE Y.SOO/KIM		MOLEX MOLEX INCORPORATED			
		2 PLACES	±0.2	±.	APPROVED BY & DATE C.W.LEE		MATERIAL NO. SEE CHART		DRAWING NO. SD-35313-001	SHEET NO. 1 OF 1
		1 PLACE	±0.2	±.	CAD FILENAME		DRAWING NO. SD-35313-001			SIZE B
		ANGULAR: ± °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.						MX-A3

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