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Part Number: [0353120260](#)
Status: **Active**
Description: 2.50mm (.098") Pitch Header, Vertical, Shrouded, with Positive Lock, 2 Circuits, PA Polyamide (Nylon) 6/6, Glass-filled, Natural, Lead-free

Documents:

3D Model	Product Specification PS-35155-002 (PDF)
Packaging Specification (PDF)	RoHS Certificate of Compliance (PDF)
Drawing (PDF)	

Agency Certification

CSA	LR19980
TUV	E9450420E01
UL	E29179

General

Product Family	PCB Headers
Series	35312
Application	Wire-to-Board
Product Name	N/A

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
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)	0.098 In
Pitch - Mating Interface (mm)	2.50 mm
Plating min: Mating (µin)	200
Plating min: Mating (µm)	5
Plating min: Termination (µin)	200
Plating min: Termination (µm)	5
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C

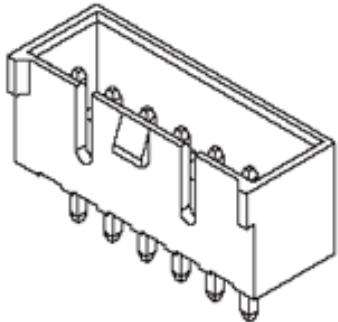


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not 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

[35312Series](#)

Mates With

Wire-to-Wire and Wire-to-Board Housing
[35572 Crimp Housing](#), [35155](#)

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

3A

Voltage - Maximum

250V

Material Info

Reference - Drawing Numbers

Product Specification

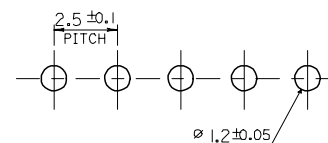
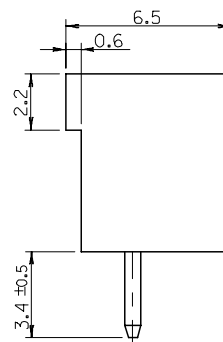
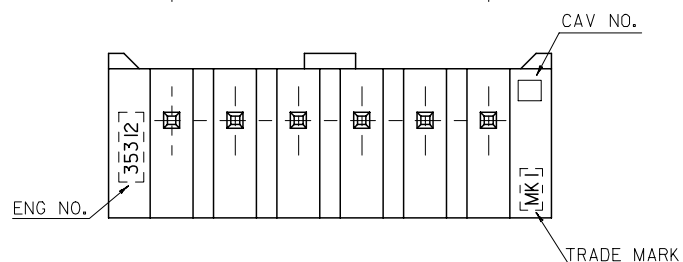
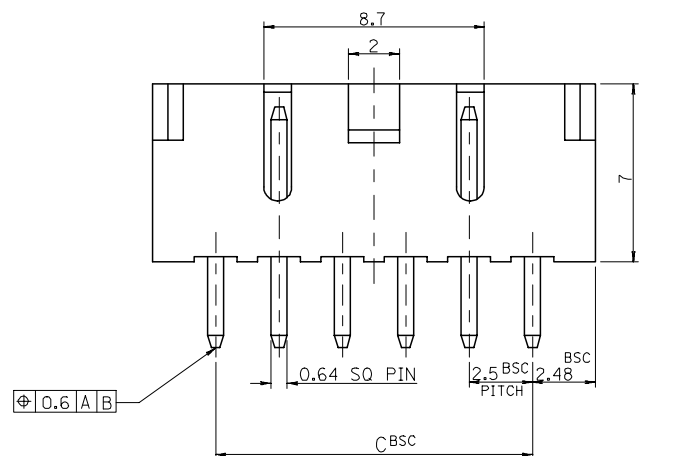
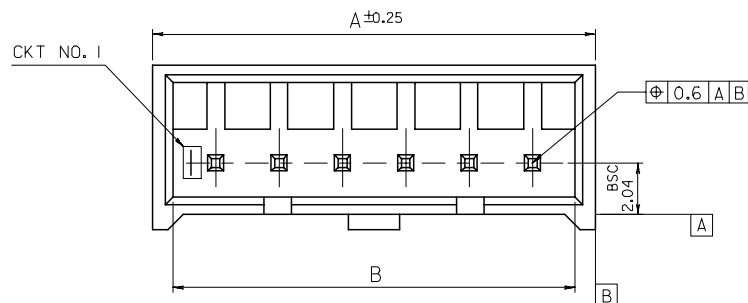
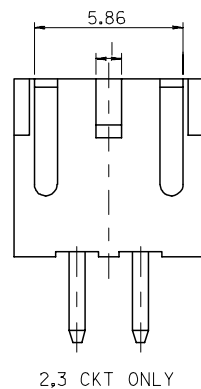
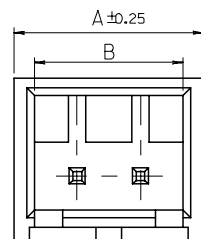
PS-35155-002

Sales Drawing

SD-35312-001, SD-35312-004, SD-35312-005

This document was generated on 04/15/2010

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P.C.BOARD LAYOUT
THK. : 1.6+

NOTE

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

② 2. LEGEND

35312 - ** 6 *

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COLOR : 0 --- NATURAL
        2 --- RED
        3 --- YELLOW
        4 --- BLUE
CKT(02.03.04....)

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

35	38.36	39.96	353 12-156*	15
32.5	35.86	37.46	4 -146*	14
30	33.36	34.96		-136*
27.5	30.86	32.46	-126*	12
25	28.36	29.96	-116*	11
22.5	25.86	27.46	-106*	10
20	23.36	24.96	-096*	9
17.5	20.86	22.46	-086*	8
15	18.36	19.96	-076*	7
12.5	15.86	17.46	-066*	6
10	13.36	14.96	-056*	5
7.5	10.86	12.46	-046*	4
5	8.36	9.96	-036*	3
2.5	5.86	7.46	353 12-026*	2
C	B	A	ENG NO.	CKT NO.

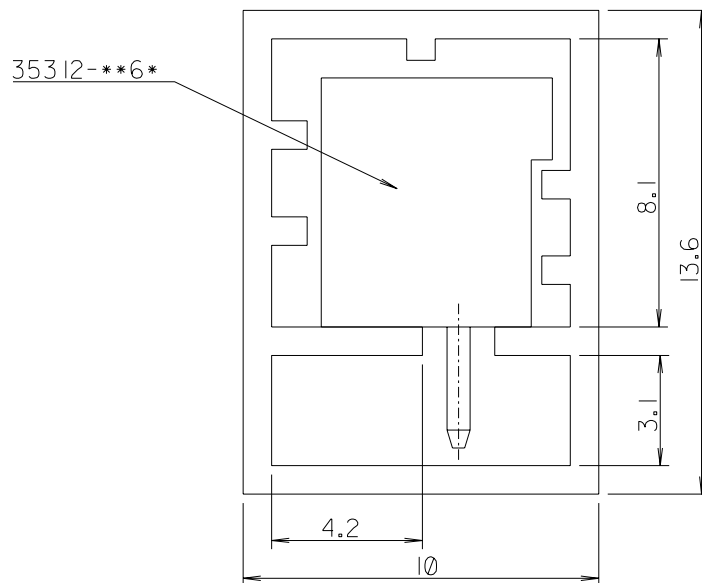
REVISED ECN NO. KOR2006-0105 DRWN: K.S.KIM 060323 CHK: K.S.KIM APPR: Y.Soo.KIM	DESCRIPTION	QUALITY SYMBOLS MAJOR =  CRITICAL = 	GENERAL TOLERANCES: (UNLESS SPECIFIED)	SCALE 5-1	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☐ mm ☐ INCH ☐ mm ☐ INCH ☒ mm ONLY	REVISE ON CAD ONLY																
				<table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>±0.</td><td>±.</td></tr><tr><td>3 PLACES</td><td>±0.</td><td>±.</td></tr><tr><td>2 PLACES</td><td>±0.</td><td>±.</td></tr><tr><td>1 PLACE</td><td>±0.2</td><td>±.</td></tr></table>		mm	INCH	4 PLACES	±0.	±.	3 PLACES	±0.	±.	2 PLACES	±0.	±.	1 PLACE	±0.2	±.	DRAWN BY & DATE H.S.SHIN	TITLE: 2.5 PITCH W/B CONN. WAFER ASSY (WITH LOCK)			
				mm	INCH																			
			4 PLACES	±0.	±.																			
			3 PLACES	±0.	±.																			
2 PLACES	±0.	±.																						
1 PLACE	±0.2	±.																						
		CHECKED BY & DATE Y.Soo.KIM																						
		APPROVED BY & DATE S.H.CHOI	 MOLEX INCORPORATED																					
		ANGULAR: ± 2 °	CAD FILENAME _____	MATERIAL NO. 35312**6*	DRAWING NO. SD-35312-001	SHEET NO. 1 OF 1																		
B	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				SIZE B															

PROJECT NO.

PROJECT NO.

A

MX-A4



NOTE

1. TUBE LENGTH : 550mm
2. TUBE THICKNESS : 0.8mm
3. THIS PRODUCT SHALL BE COMPLIED WITH
RoHS COMPATIBLE(LEAD FREE SOLDERABILITY)

10	35312-1569	15	35312 SERIES
10	4 -1469	14	
10	-1369	13	
15	-1269	12	
15	-1169	11	
15	-1069	10	
20	-0969	9	
20	-0869	8	
25	-0769	7	
30	-0669	6	
35	-0569	5	
40	-0469	4	
50	-0369	3	
70	35312-0269	2	
Q'TY	ENG NO.	CKTS	USED ON

NEW RELEASED EC NO. KOR2005-0066 DRWN: K.S.KIM 041008 CHK: Y.Soo.KIM APPR: C.W.LEE	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 5-1	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☐ mm INCH ☐ INCH ☒ mm ONLY	REVISE ON CAD ONLY		
		MAJOR  =	mm	INCH	DRAWN BY & DATE H.S.SHIN	TITLE: TUBE PACKAGED FOR 35312 SERIES					
		CRITICAL  =	4 PLACES	±0.	±.						CHECKED BY & DATE Y.Soo.KIM
		2 PLACES	±0.	±.	APPROVED BY & DATE C.W.LEE	MOLEX MOLEX INCORPORATED					
		1 PLACE	±0.3	±.	CAD FILENAME 						MATERIAL NO. 35312**69
		ANGULAR: ± 2 °									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.						
A	REV									SIZE A	