

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0353120860

Status:

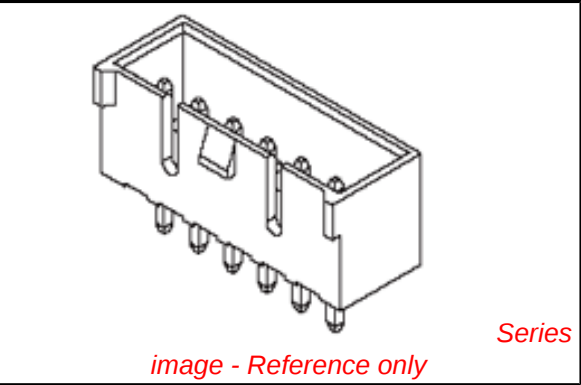
Active

Description:

2.50mm (.098") Pitch Header, Vertical, Shrouded, with Positive Lock, 8 Circuits, PA Polyamide (Nylon) 6/6, Glass-filled, Natural, Lead-free

Replacement Part Number:

353120860



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
Replacement Part Number	353120860

Physical	
Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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

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

Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	3A
Voltage - Maximum	250V

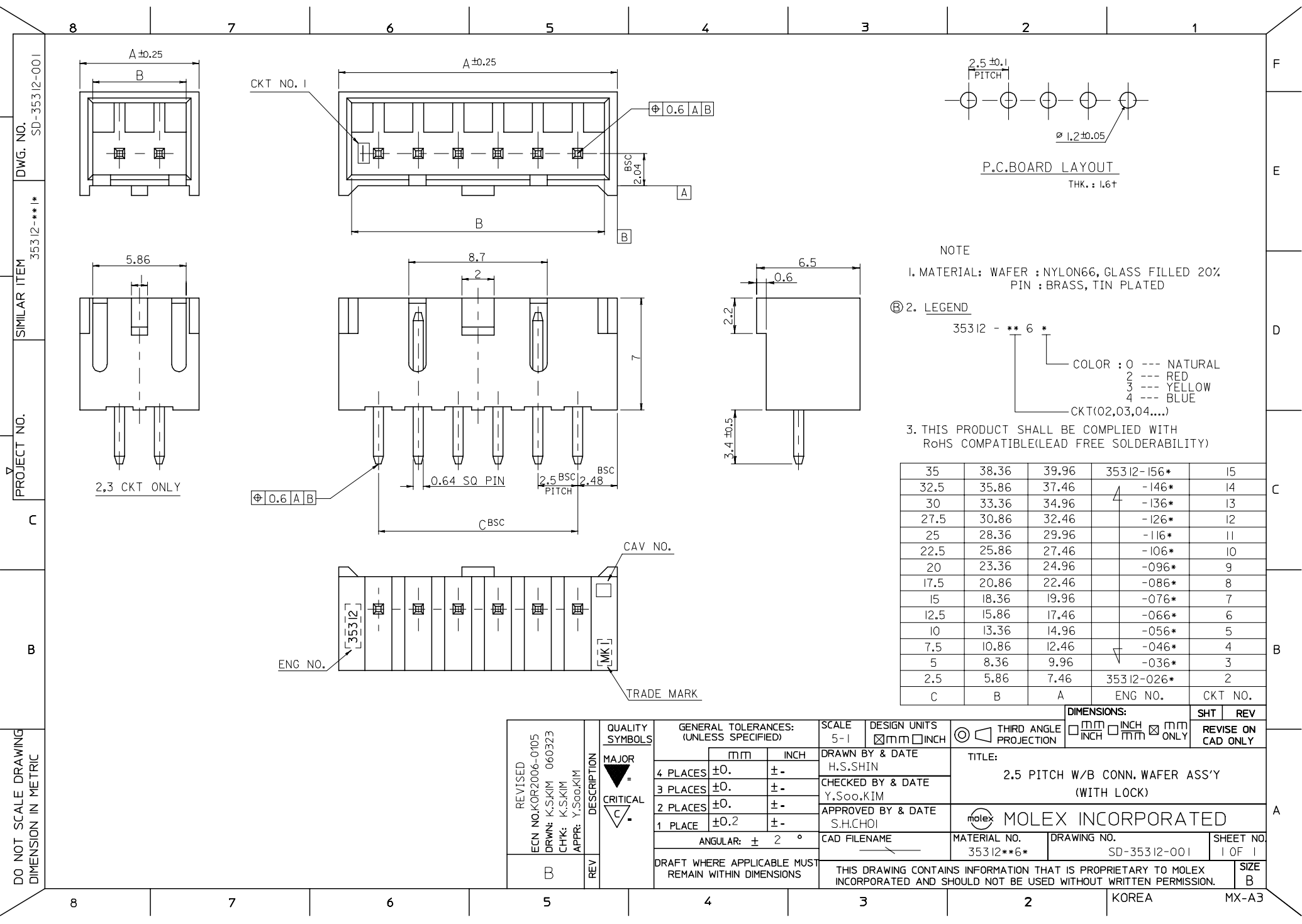
Material Info

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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NOTE

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

② 2. LEGEND

35312 - ** 6 *
COLOR : 0 --- NATURAL
2 --- RED
3 --- YELLOW
4 --- BLUE
CKT(02,03,04....)

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

35	38.36	39.96	35312-156*	15
32.5	35.86	37.46	-146*	14
30	33.36	34.96	-136*	13
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	35312-026*	2
C	B	A	ENG NO.	CKT NO.

DO NOT SCALE DRAWING
DIMENSION IN METRIC

REVISED
ECN NO. KOR2006-0105
DRWN: K.S.KIM 060323
CHK: K.S.KIM
APPR: Y.Soo.KIM

B

REV

QUALITY SYMBOLS
MAJOR
CRITICAL
C

DESCRIPTION

GENERAL TOLERANCES:
(UNLESS SPECIFIED)

4 PLACES	±0.	±.
3 PLACES	±0.	±.
2 PLACES	±0.	±.
1 PLACE	±0.2	±.

ANGULAR: ± 2 °

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

SCALE
5-1

DESIGN UNITS
☒ mm ☐ INCH

DRAWN BY & DATE
H.S.SHIN

CHECKED BY & DATE
Y.Soo.KIM

APPROVED BY & DATE
S.H.CHOI

CAD FILENAME

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

DIMENSIONS:
☐ mm ☐ INCH ☒ mm ONLY

THIRD ANGLE
PROJECTION

TITLE:
2.5 PITCH W/B CONN. WAFER ASS'Y
(WITH LOCK)

MOLEX INCORPORATED

MATERIAL NO.
35312**6*

DRAWING NO.
SD-35312-001

SHEET NO.
1 OF 1

SIZE
B

SHT
REV

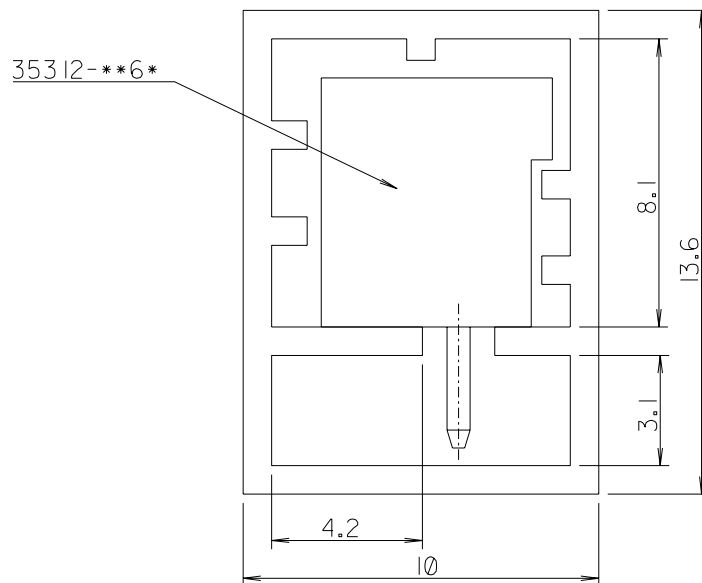
REVISE ON
CAD ONLY

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	35312-0269
70		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			
			3 PLACES	±0.	±.	APPROVED BY & DATE C.W.LEE	MOLEX INCORPORATED							
			2 PLACES	±0.	±.	CAD FILENAME 						MATERIAL NO. 35312**69	DRAWING NO. SD-35312-005	SHEET NO. 1 OF 1
			1 PLACE	±0.3	±.									
		ANGULAR: ± 2 °												

A	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 A
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