

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0353000450](#)
Status: **Active**
Overview: [kk](#)
Description: 2.50mm (.098") Pitch Wire-to-Board KK® Header, Vertical, with Friction Ramp, Tube Packaged Version of 5045, 4 Circuits, Tin (Sn) Plating

Documents:

[3D Model](#) [Product Specification PS-35300-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

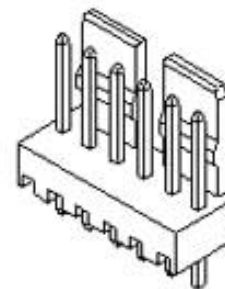
CSA LR 19980
 UL E29179

General

Product Family PCB Headers
 Series [35300](#)
 Application Wire-to-Board
 Overview [kk](#)
 Product Name KK®

Physical

Breakaway No
 Circuits (Loaded) 4
 Circuits (maximum) 4
 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
 PCB Locator No
 PCB Retention None
 PCB Thickness Recommended (in) 0.062 In
 PCB Thickness Recommended (mm) 1.60 mm
 Packaging Type Tube
 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 Mating Part No
 Polarized to PCB No
 Shrouded No
 Stackable No
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Through Hole



Series

image - Reference only

EU RoHS

**ELV and RoHS
 Compliant**

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

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.

China RoHS



Search Parts in this Series

[35300Series](#)

Mates With

[5051 Housing](#), [51191 Housing](#)

Electrical

Current - Maximum per Contact

3A

Voltage - Maximum

250V

Material Info**Reference - Drawing Numbers**

Packaging Specification

PK-35300-001

Product Specification

PS-35300-001

Sales Drawing

SD-35300-001, SD-35300-010

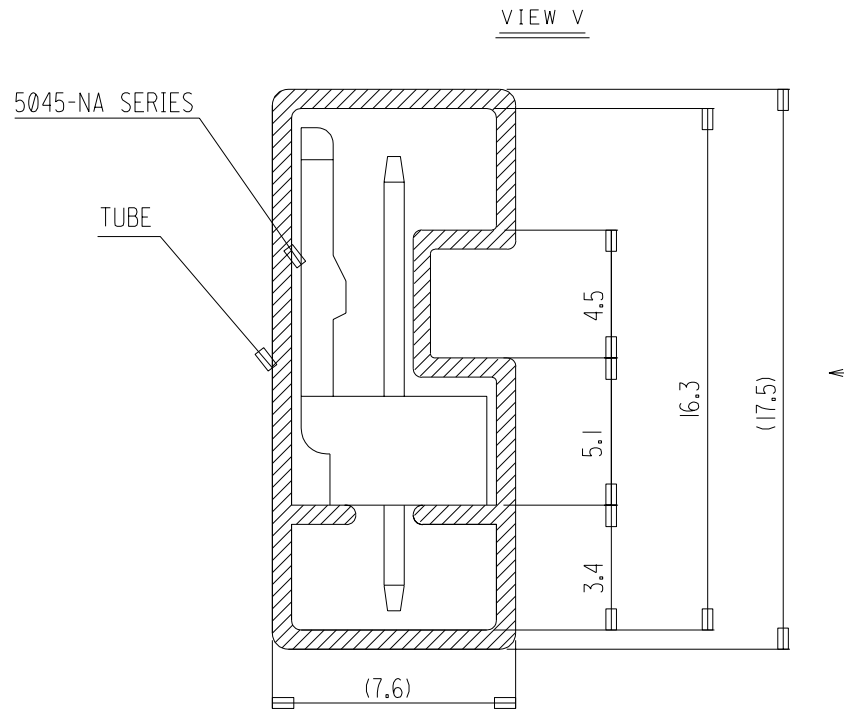
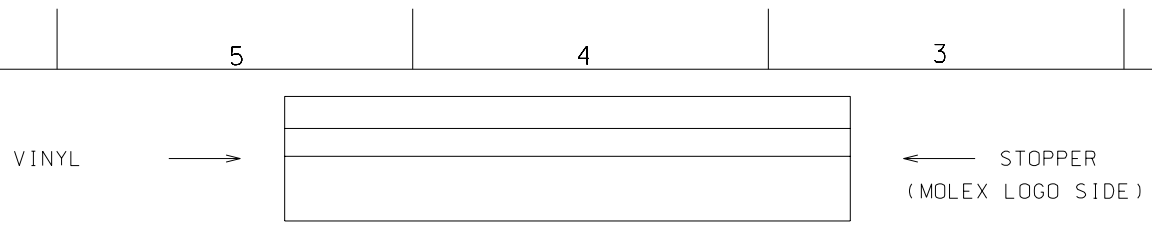
This document was generated on 05/24/2010

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DWG. NO.
SD-35300-001

SIMILAR ITEM

PROJECT NO.



NOTES

1. TUBE : STOPPER & VINYL LOCKING TYPE
2. THICKNESS : 0.6 †
3. LENGTH : 540mm

LEGEND

35300- ** 5 *
 COLOR : 0 --- NATURAL
 2 --- RED
 CKT (02, 03, 04,)

15	35300-155*	35300155*	5045-NA SERIES	
14	-145*	35300145*		
13	-135*	35300135*		
12	-125*	35300125*		
11	-115*	35300115*		
10	-105*	35300105*		
9	-095*	35300095*		
8	-085*	35300085*		
7	-075*	35300075*		
6	-065*	35300065*		
5	-055*	35300055*		
4	-045*	35300045*		
3	-035*	35300035*		
2	35300-025*	35300025*		USED ON.
CKTS	ENG NO.	MAT'L NO.		

NEW RELEASED EC NO. KOR2004-0124 DRWN: K.S.KIM (040324) CHK: J.K.OH APPR: C.W.LEE	QUALITY SYMBOLS MAJOR CRITICAL	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE NONE	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	THIRD ANGLE PROJECTION	DIMENSIONS: <input type="checkbox"/> mm <input type="checkbox"/> INCH <input checked="" type="checkbox"/> mm ONLY	SHT	REV	
		4 PLACES	±0.	±.	DRAWN BY & DATE H.S.SHIN (910120)	TITLE: TUBE PACKAGED FOR 5045-NA SERIES				
A	DESCRIPTION REV	3 PLACES	±0.	±.	CHECKED BY & DATE J.K.OH	MOLEX INCORPORATED				
		2 PLACES	±0.	±.	APPROVED BY & DATE C.W.LEE					
		1 PLACE	±0.	±.	CAD FILENAME SD-35300-001.dgn	MATERIAL NO. SEE TABLE	DRAWING NO. SD-35300-001	SHEET NO. 1 OF 1		
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

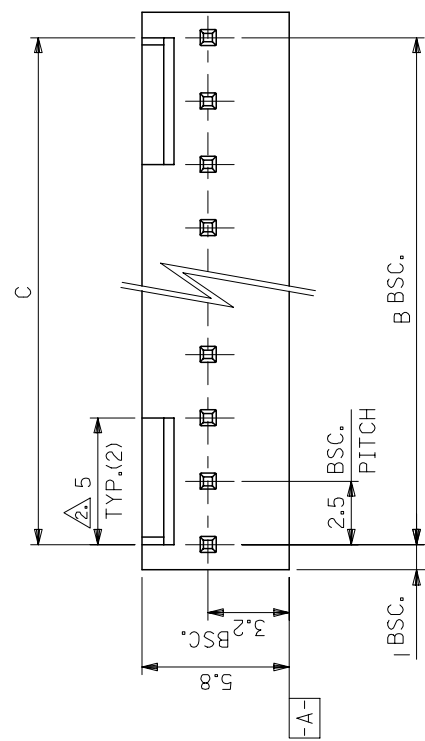
5

4

3

2

MX-A4

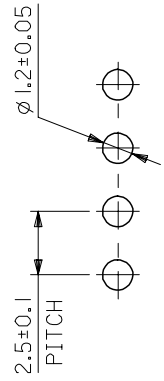


NOTE.

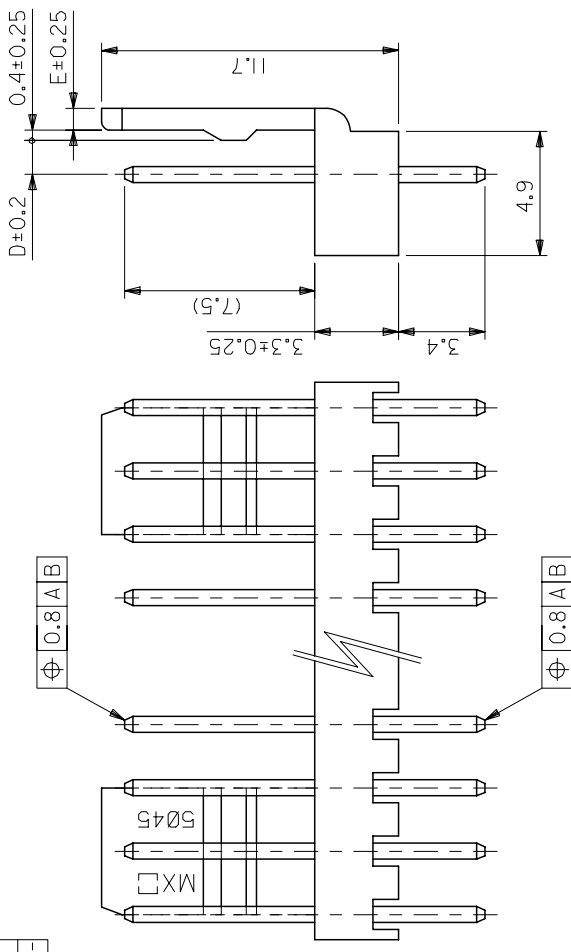
1. MATERIAL

- PIN: 0.635x14.2 BRASS TIN OVER COPPER PLATING.
- WAFER: NYLON66, UL94V-0
- △ TO BE APPLIED FOR 6 CKT. AND MORE THEN 6 CKT.
- 3. NO SLIT IS PROVIDED FOR 5 CKT. AND LESS THAN 5 CKT.

NON-ACCUMULATIVE



RECOMMENDED P.C.BOARD HOLE DIM.



1.35	0.85	35	+0.05	35	22-04-1151	5045-15A	35300-1550	15
		32.5	-0.05	32.5	-1141	-14A	35300-1450	14
		30	-0.4	30	-1131	-13A	35300-1350	13
		27.5	-0.25	27.5	-1121	-12A	35300-1250	12
		25	-0.2	25	-1111	-11A	35300-1150	11
		22.5	-0.2	22.5	-1101	-10A	35300-1050	10
		20	-0.15	20	-1091	-09A	35300-0950	9
		17.5	-0.15	17.5	-1081	-08A	35300-0850	8
		15	-0.1	15	-1071	-07A	35300-0750	7
		12.5	-0.1	12.5	-1061	-06A	35300-0650	6
		10	-0.15	10	-1051	-05A	35300-0550	5
		7.5	-0.15	7.5	-1041	-04A	35300-0450	4
1.2	1	5	-0.15	5	-1031	-03A	35300-0350	3
1.2	1	2.5	-0.15	2.5	22-04-1021	5045-02A	35300-0250	2
D	E	C		B	EDP.NO.	ENG.NO.	ENG NO.	CKT.

SCALE		DESIGN UNITS		THIRD ANGLE		DIMENSIONS:		SHT		REV	
5:1		MM INCH		PROJECTION		MM INCH		MM INCH		MM INCH	
DRAWN BY & DATE		K.SKIM (060102)		TITLE		KK 2.5 WAFER ASSY		WITH LOCK		SHEET NO.	
CHECKED BY & DATE		Y.SooKIM		MATERIAL NO.		DRAWING NO.		SD-35300-010		1 OF 1	
APPROVED BY & DATE		S.H.CHOI		CAD FILENAME		MOLEX INCORPORATED		SIZE		B	
GENERAL TOLERANCES: (UNLESS SPECIFIED)		MM INCH		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		KOREA		MX-A3			
QUALITY SYMBOLS		MAJOR		DESCRIPTION		NEW RELEASED		ECN NO. KOR2006-0082		A	
4 PLACES ±0.		±.		APPR: S.H.CHOI		DRWN: K.SKIM (060102)		CHK: Y.SooKIM		REV	
3 PLACES ±0.		±.		NEW RELEASED		ECN NO. KOR2006-0082		DRWN: K.SKIM (060102)		APP: S.H.CHOI	
2 PLACES ±0.		±.		NEW RELEASED		ECN NO. KOR2006-0082		DRWN: K.SKIM (060102)		APP: S.H.CHOI	
1 PLACE ±0.		±.		NEW RELEASED		ECN NO. KOR2006-0082		DRWN: K.SKIM (060102)		APP: S.H.CHOI	
ANGULAR: ±		°		NEW RELEASED		ECN NO. KOR2006-0082		DRWN: K.SKIM (060102)		APP: S.H.CHOI	
GENERAL TOLERANCES		30 OVER		±0.4		10 OVER		30 UNDER		±0.4	
GENERAL TOLERANCES		10 UNDER		±0.4		10 UNDER		30 UNDER		±0.4	

DO NOT SCALE DRAWING
DIMENSION IN METRIC