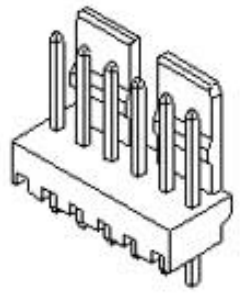
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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-35300-001 (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

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
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
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

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

DWG. NO. SD-35300-001

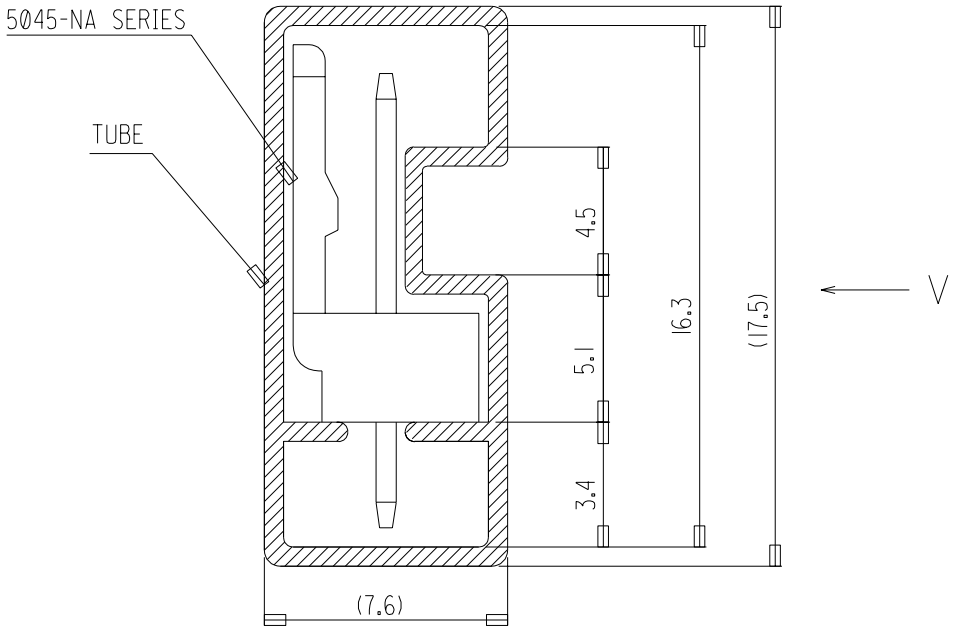
SIMILAR ITEM

PROJECT NO.

VINYL →

← STOPPER
(MOLEX LOGO SIDE)

VIEW V



NOTES

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

LEGEND

35300- ** 5 *

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

CKTS	ENG NO.	MAT'L NO.	USED ON.
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*	

REV	DESCRIPTION	EC NO.	DRWN	CH'K	APPR
A	NEW RELEASED	KOR2004-0124	K.S.KIM (040324)	J.K.OH	C.W.LEE

QUALITY SYMBOLS
MAJOR ▼ =
CRITICAL (C) =

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±.
2 PLACES	±0.	±.
1 PLACE	±0.	±.
ANGULAR: ±	°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE: NONE
DESIGN UNITS: ☒mm ☐INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY
SHT | REV
REVISE ON CAD ONLY

DRAWN BY & DATE: H.S.SHIN (910120)
CHECKED BY & DATE: J.K.OH
APPROVED BY & DATE: C.W.LEE

TITLE:
TUBE PACKAGED
FOR 5045-NA SERIES

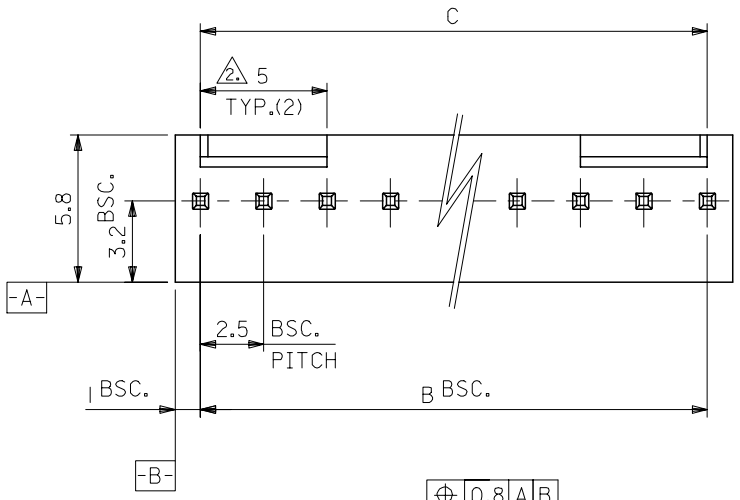
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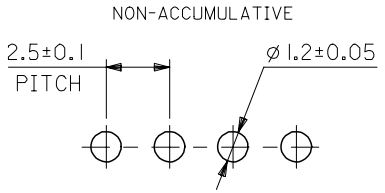
CAD FILENAME: SD-35300-001.dgn
MATERIAL NO.: SEE TABLE
DRAWING NO.: SD-35300-001
SHEET NO.: 1 OF 1

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

SIZE A

MX-A4

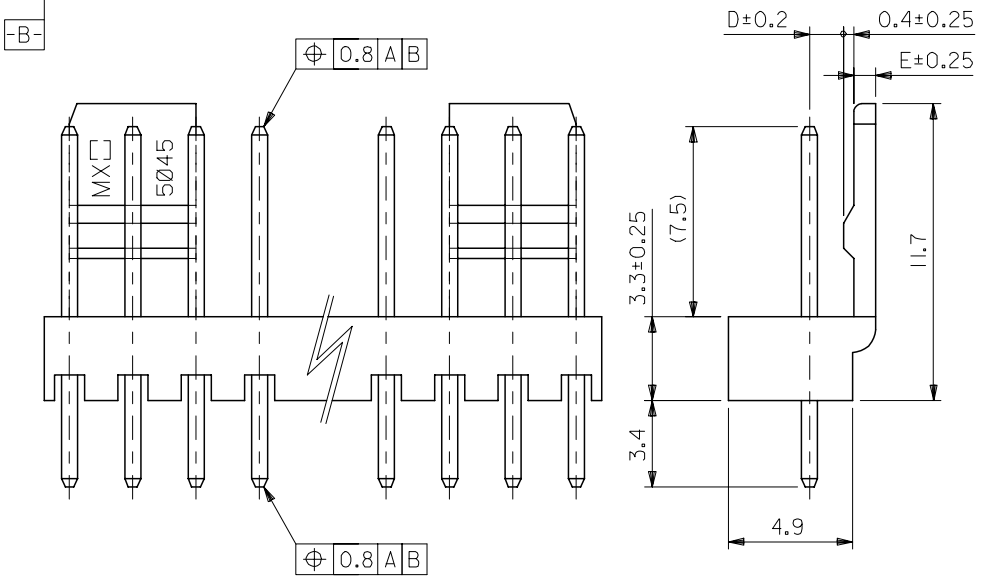




RECOMMENDED P.C.BOARD HOLE DIM.

NOTE.

1. MATERIAL
   PIN: 0.635×14.2 BRASS TIN OVER COPPER PLATING.
   WAFER:NYLON66,UL94V-0
2. TO BE APPLIED FOR 6 CKT. AND MORE THEN 6 CKT.
3. NO SLIT IS PROVIDED FOR 5 CKT. AND LESS THAN 5 CKT.



D	E	C	B	EDP.NO.	ENG.NO.	ENG NO.	CKT.
				APPLIED CONNECTOR			
1.35	0.85	35 $^{+0.3}_{-0.45}$	35	22-04-1151	5045-15A	35300-1550	15
↑	↑	32.5 $^{+0.25}_{-0.45}$	32.5	↑ -1141	↑ -14A	35300-1450	14
		30 $^{+0.25}_{-0.4}$	30	-1131	-13A	35300-1350	13
		27.5 $^{+0.25}_{-0.4}$	27.5	-1121	-12A	35300-1250	12
		25 $^{+0.2}_{-0.4}$	25	-1111	-11A	35300-1150	11
		22.5 $^{+0.2}_{-0.4}$	22.5	-1101	-10A	35300-1050	10
		20 $^{+0.15}_{-0.35}$	20	-1091	-09A	35300-0950	9
		17.5 $^{+0.15}_{-0.35}$	17.5	-1081	-08A	35300-0850	8
		15 $^{+0.1}_{-0.3}$	15	-1071	-07A	35300-0750	7
		12.5 $^{+0.1}_{-0.3}$	12.5	-1061	-06A	35300-0650	6
↓	↓	10 $^{+0.15}_{-0.3}$	10	-1051	-05A	35300-0550	5
1.35	0.85	7.5 $^{+0.15}_{-0.3}$	7.5	-1041	-04A	35300-0450	4
1.2	1	5 $^{+0.15}_{-0.3}$	5	↓ -1031	↓ -03A	35300-0350	3
1.2	1	2.5 $^{+0.15}_{-0.3}$	2.5	22-04-1021	5045-02A	35300-0250	2

ANGLE	±3°
30 OVER	±0.4
10 OVER 30 UNDER	±0.4
10 UNDER	±0.4
GENERAL TOLERANCES	

REV	DESCRIPTION	ECN NO.	DRWN	CHK	APPR
A	NEW RELEASED	KOR2006-0082 (060102)	K.S.KIM	Y.Soo.KIM	S.H.CHOI

QUALITY SYMBOLS
MAJOR ▼ =
CRITICAL ▽C -

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	± -
3 PLACES	±0.	± -
2 PLACES	±0.	± -
1 PLACE	±0.	± -
ANGULAR: ±	°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 5:1 | DESIGN UNITS ☒mm ☐INCH | THIRD ANGLE PROJECTION | DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY | SHT | REV | REVISE ON CAD ONLY

DRAWN BY & DATE: K.S.KIM (060102)
CHECKED BY & DATE: Y.Soo.KIM
APPROVED BY & DATE: S.H.CHOI
CAD FILENAME

TITLE: KK 2.5 WAFER ASS'Y WITH LOCK

MOLEX INCORPORATED

MATERIAL NO. | DRAWING NO. SD-35300-010 | SHEET NO. 1 OF 1

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SIZE B

KOREA MX-A3

DO NOT SCALE DRAWING
DIMENSION IN METRIC

DWG. NO. | SIMILAR ITEM | PROJECT NO.