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Part Number: [0353000550](#)
Status: **Active**
Overview: [kk](#)
Description: 2.50mm (.098") Pitch Wire-to-Board KK® Header, Vertical, with Friction Ramp, Tube Packaged Version of 5045, 5 Circuits, Tin (Sn) Plating

Documents:

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

Agency Certification

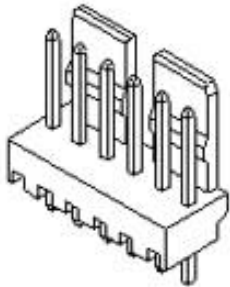
CSA	LR 19980
UL	E29179

General

Product Family	PCB Headers
Series	35300
Application	Wire-to-Board
Overview	kk
Product Name	KK®

Physical

Breakaway	No
Circuits (Loaded)	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
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

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

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VINYL

5045-NA SERIES

TUBE

← STOPPER
(MOLEX LOGO SIDE)

NOTES

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

LEGEND

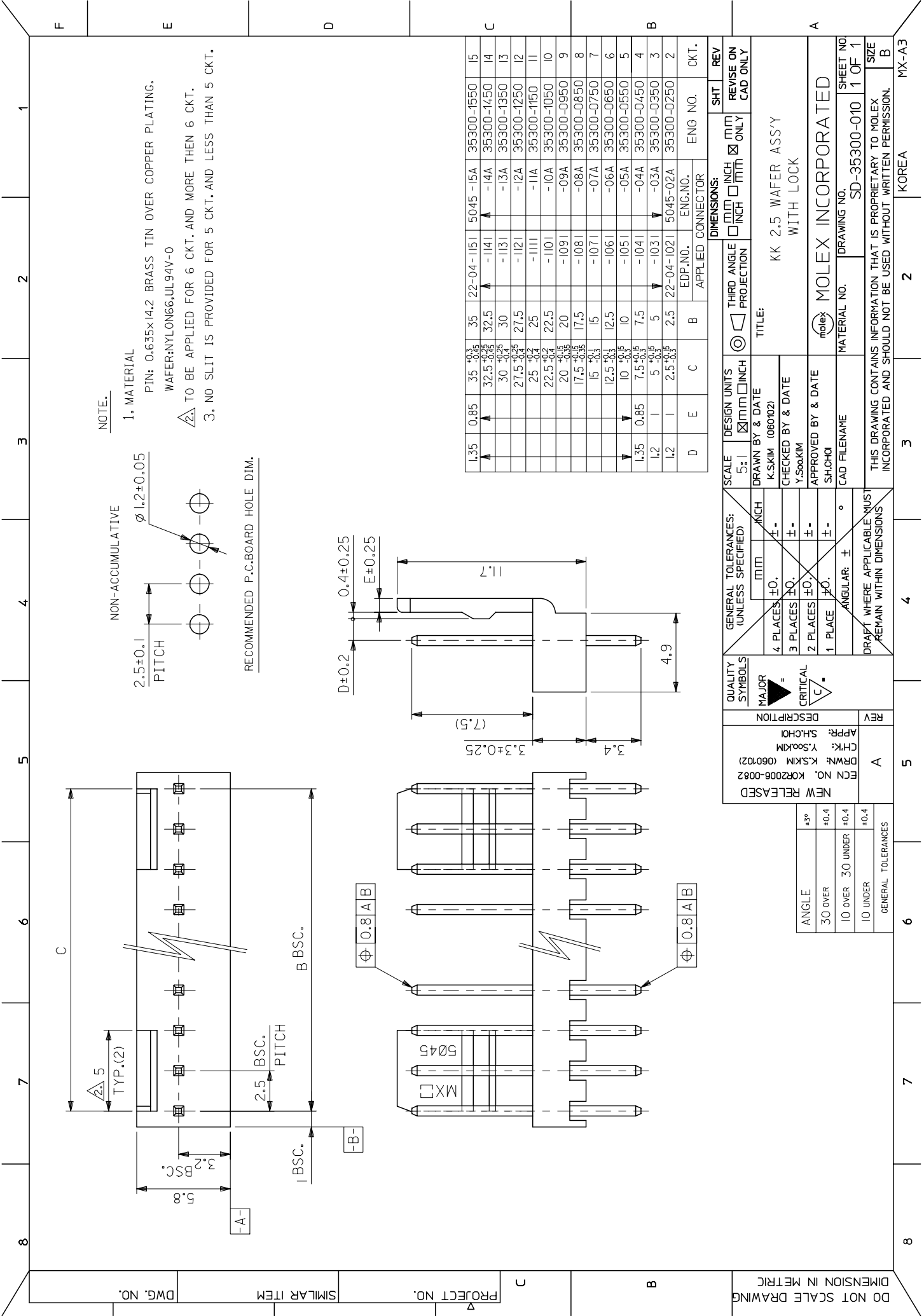
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35300-  ** 5 *
          |   |
          |   +--- COLOR : 0 --- NATURAL
          |   |     2 --- RED
          +----- CKT (02, 03, 04, ....)

```

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*	USED ON.
2	35300-025*	35300025*	
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	DESCRIPTION	QUALITY SYMBOLS MAJOR  = CRITICAL  =	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE NONE	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☐ mm INCH ☐ INCH ☒ mm ONLY	REVISE ON CAD ONLY				
				mm	INCH	DRAWN BY & DATE H.S.SHIN (910120)		TITLE: TUBE PACKAGED FOR 5045-NA SERIES					
			4 PLACES	±0.	±.	CHECKED BY & DATE J.K.OH							
			3 PLACES	±0.	±.	APPROVED BY & DATE C.W.LEE		MOLEX MOLEX INCORPORATED					
			2 PLACES	±0.	±.	CAD FILENAME SD-35300-001.dgn					MATERIAL NO. SEE TABLE	DRAWING NO. SD-35300-001	SHEET NO. 1 OF 1
			1 PLACE	±0.	±.	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.		
			ANGULAR: ± °										



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.

RECOMMENDED P.C. BOARD HOLE DIM.

DO NOT SCALE DRAWING
DIMENSION IN METRIC

PROJECT NO.

SIMILAR ITEM

DWG. NO.

NEW RELEASED	
ECN NO. KOR2006-0082	DRWN: K.S.KIM (060102)
CHK: Y.Soo.KIM	APP: S.H.CHOI
DESCRIPTION	
MAJOR	
CRITICAL	
QUALITY SYMBOLS	

GENERAL TOLERANCES: (UNLESS SPECIFIED)	
4 PLACES ±0.	±.
3 PLACES ±0.	±.
2 PLACES ±0.	±.
1 PLACE ±0.	±.
ANGULAR: ± °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

SCALE	DESIGN UNITS	THIRD ANGLE	DIMENSIONS:		SHT	REV
5:1	mm/inch	PROJECTION	mm	inch	mm	inch
DRAWN BY & DATE		TITLE:		REVISE ON		
K.S.KIM (060102)		KK 2.5 WAFER ASSY WITH LOCK		CAD ONLY		
CHECKED BY & DATE		MATERIAL NO.		DRAWING NO.		
Y.Soo.KIM		MOLEX INCORPORATED		SD-35300-010		
APPROVED BY & DATE		SHEET NO.		1 OF 1		
S.H.CHOI		SIZE		B		

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

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