

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0353000452](#)
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, Red

Documents:

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

Agency Certification

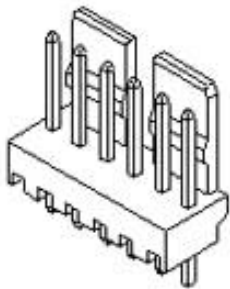
CSA	LR 19980
UL	E29179

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
Not Reviewed
Halogen-Free
Status
Not Reviewed

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-35300-011

This document was generated on 05/24/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

PROJECT NO.

SIMILAR ITEM

DWG. NO.
SD-35300-001

5

4

3

2

1

VINYL

STOPPER
(MOLEX LOGO SIDE)

VIEW V

5045-NA SERIES

TUBE

VIEW V

16.3
(17.5)

4.5

5.1

3.4

(7.6)

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*
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*
CKTS	ENG NO.	MAT'L NO.

5045-NA SERIES

USED ON.

NEW RELEASED
EC NO. KOR2004-0124
DRWN: K.S.KIM (040324)
CHK: J.K.OH
APPR: C.W.LEE

DESCRIPTION

REV

QUALITY SYMBOLS

MAJOR

CRITICAL

GENERAL TOLERANCES:
(UNLESS SPECIFIED)

mm

INCH

4 PLACES

3 PLACES

2 PLACES

1 PLACE

ANGULAR: ± °

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

SCALE
NONE

DESIGN UNITS
mm INCH

THIRD ANGLE
PROJECTION

DRAWN BY & DATE
H.S.SHIN (910120)

CHECKED BY & DATE
J.K.OH

APPROVED BY & DATE
C.W.LEE

CAD FILENAME
SD-35300-001.dgn

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

TITLE:
TUBE PACKAGED
FOR 5045-NA SERIES

MOLEX INCORPORATED

MATERIAL NO.
SEE TABLE

DRAWING NO.
SD-35300-001

SHEET NO.
1 OF 1

SIZE
A

SHT

REV

REVISE ON
CAD ONLY

5

4

3

2

1

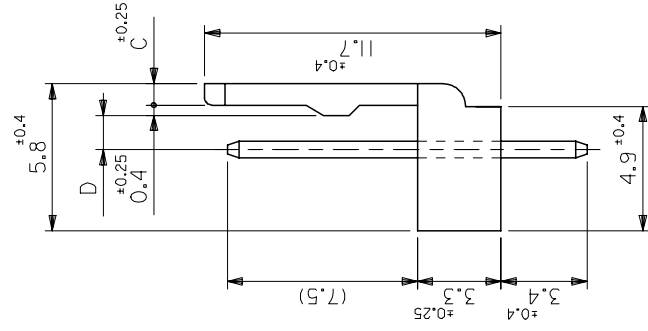
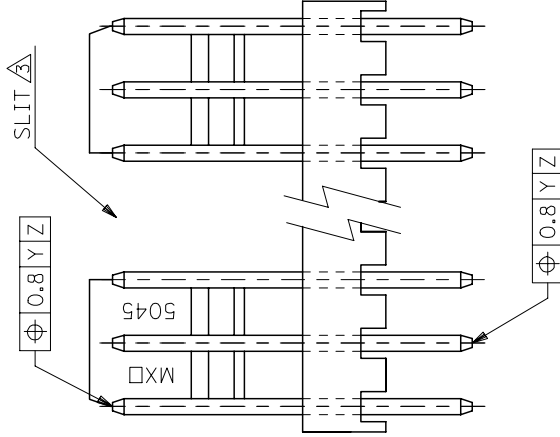
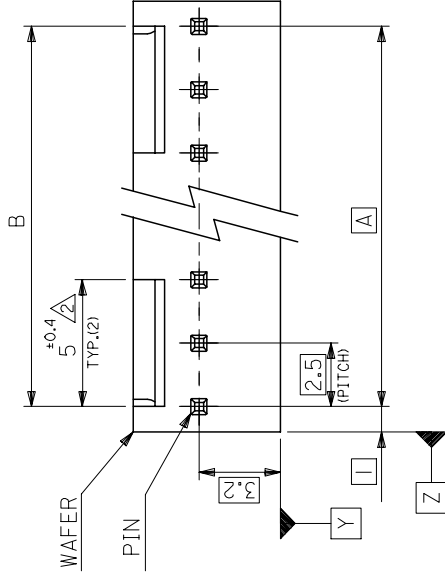
MX-A4

DO NOT SCALE DRAWING
DIMENSION IN METRIC

PROJECT NO.

SIMILAR ITEM

DWG. NO.



1.35	0.85	35	$+0.35_{-0.45}^{+0.45}$	35	39-32-0154	5045-15A-RE	35300-1552	I5
▲	▲	32.5	$+0.45_{-0.45}^{+0.45}$	32.5	▲ -0.144	▲ -14A-RE	35300-1452	I4
		30	$+0.45_{-0.45}^{+0.45}$	30	-0.134	-13A-RE	35300-1352	I3
		27.5	$+0.45_{-0.45}^{+0.45}$	27.5	-0.124	-12A-RE	35300-1252	I2
		25	$+0.4_{-0.4}^{+0.4}$	25	-0.114	-11A-RE	35300-1152	I1
		22.5	$+0.4_{-0.4}^{+0.4}$	22.5	-0.104	-10A-RE	35300-1052	I0
		20	$+0.35_{-0.35}^{+0.35}$	20	-0.094	-09A-RE	35300-0952	9
		17.5	$+0.35_{-0.35}^{+0.35}$	17.5	-0.084	-08A-RE	35300-0852	8
		15	$+0.3_{-0.3}^{+0.3}$	15	-0.074	-07A-RE	35300-0752	7
		12.5	$+0.3_{-0.3}^{+0.3}$	12.5	-0.064	-06A-RE	35300-0652	6
▼	▼	10	$+0.15_{-0.15}^{+0.15}$	10	-0.054	-05A-RE	35300-0552	5
1.35	0.85	7.5	$+0.15_{-0.15}^{+0.15}$	7.5	-0.044	-04A-RE	35300-0452	4
1.2	I	5	$+0.15_{-0.15}^{+0.15}$	5	▼ -0.034	▼ -03A-RE	35300-0352	3
1.2	I	2.5	$+0.15_{-0.15}^{+0.15}$	2.5	39-32-0024	5045-02A-RE	35300-0252	2
D	C	B	A	EDP NO.	ENG. NO.		ENG NO.	CKT
					5045-NA-RE			
					APPLIED CONNECTOR			

NOTES:

I. MATERIAL

(NON ACCUMULATIVE)

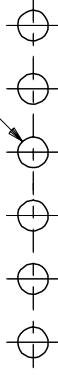
WAFER : 66NYLON, UL94V-0

PIN : □0.635 BRASS, TIN OVER COPPER PLATING

TO BE APPLIED FOR 6CKT. AND MORE THAN 6CKT.

3 NO SLIT IS PROVIDED FOR 5CKT. AND LESS THAN 5CKT.

4. LEGEND



[AFTER TUBE PACKING] [BEFORE TUBE PACKING]

RECOMMENDED P.C. BOARD HOLE DIM.

35300-1
**
*
5
*

_____ DYED COLOR CODE

2 — RED — RE

CKT NO.

Z-RED-RE