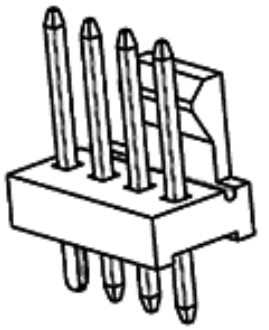
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Part Number: 0470531000
Status: Active
Description: 2.54mm (.100") Pitch KK® Vertical Header, with Friction Lock, 4 Circuits, PC Tail Length: 3.50mm (.138")



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-47053-001 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	47053
Application	Wire-to-Board
Product Name	KK®

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Durability (mating cycles max)	25
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Copper
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.138 In
PC Tail Length (mm)	3.50 mm
PCB Locator	Yes
PCB Retention	None
Packaging Type	Bag
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. Interface (mm)	2.54 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	Yes
Polarized to PCB	Yes
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	0°C to +75°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	4A
Voltage - Maximum	250V

Material Info

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
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
47053Series

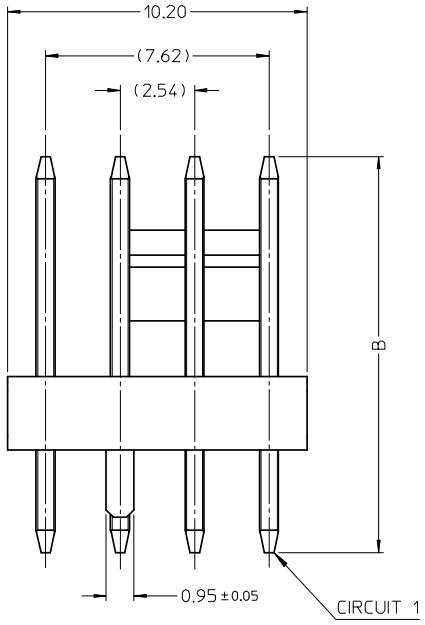
Mates With
KK® Crimp Terminal Housing 2695 , 7880

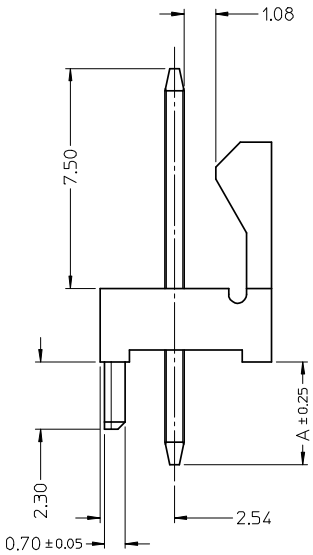
Reference - Drawing Numbers

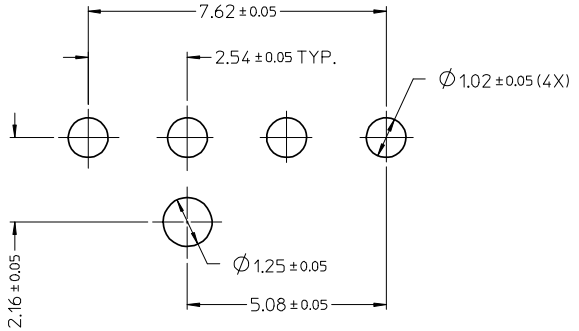
Product Specification	PS-47053-001
Sales Drawing	SD-47053-001

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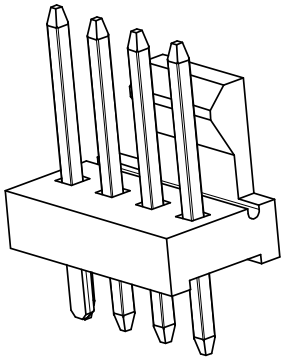


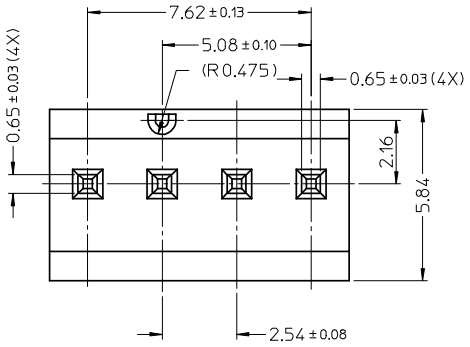




RECOMMENDER PCB LAYOUT

P/N \ DIM	A	B
47053-1000	3.50	13.50
47053-3000	4.00	14.00





NOTES:

1. MATERIAL: HOUSING: NYLON, UL94V-0. COLOR: IVORY.
   PIN: COPPER ALLOY.
2. PLATING: 100 MICROINCH MINIMUM TIN OVER 50 MICROINCH MINIMUM COPPER.
3. PIN PUSH OUT FORCE: 0.91Kgf.
4. PARTS CONFORM TO PRODUCT SPEC PS-47053-001.

ADD P/N
EC NO: SH2008-0411 2008/02/20
DRWN:DHU 2008/02/21
CH'KD:ROST
APPR:HWWANG 2008/02/26
DESCRIPTION
REV
B

QUALITY SYMBOLS
▼ 0
Ⓒ 0

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

SCALE	DESIGN UNITS
1:1	METRIC

THIRD ANGLE PROJECTION

REVISE ON CAD ONLY

DIMENSION STYLE: MM ONLY

DRAWN BY	DATE
RZHANG	2003/10/31
CHECKED BY	DATE
HJYIN	2003/10/31
APPROVED BY	DATE
SHUANG	2003/10/31

TITLE
4 PIN HEADER HOUSING
WITH FRICTION LOCK

MOLEX INCORPORATED

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE TABLE	SD-47053-001	1 OF 1

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B

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- Индивидуальный подход
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