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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")

Documents:

3D Model

Drawing (PDF)

Product Specification PS-47053-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Product Name

PCB Headers

47053

Wire-to-Board

KK®

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

4

4

25

No

No

No

None

Yes

Copper Alloy

Tin

Copper

1

Vertical

0.138 In

3.50 mm

Yes

None

Bag

0.100 In

2.54 mm

0.100 In

2.54 mm

200

5

200

5

Yes

Yes

No

No

No

0°C to +75°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

4A

250V

Material Info

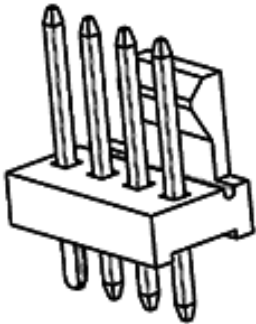


image - Reference only

Series

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](#)

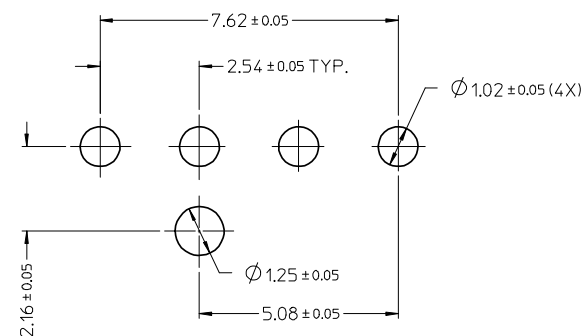
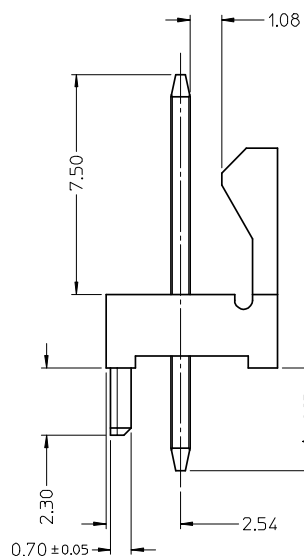
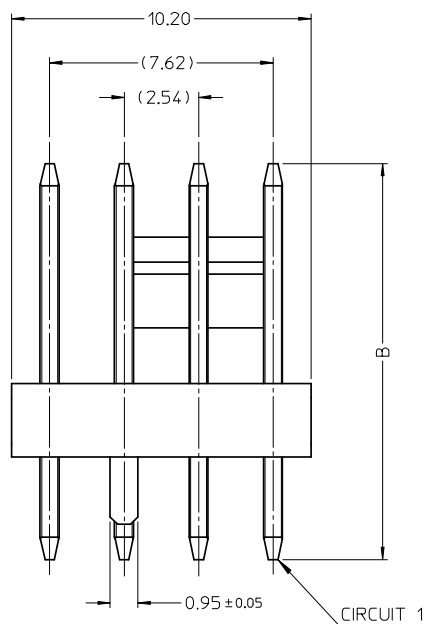
Reference - Drawing Numbers

Product Specification
Sales Drawing

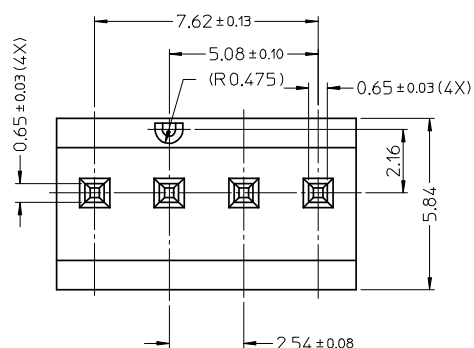
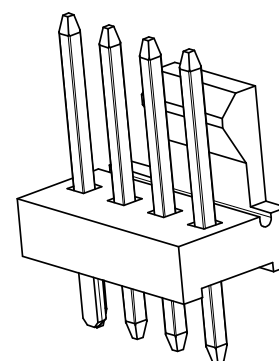
PS-47053-001
SD-47053-001

This document was generated on 03/24/2010

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RECOMMENDER PCB LAYOUT



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 DRWN: DHU 2008/02/20 CHKD: RST 2008/02/21 APPR: HWANG 2008/02/26	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 1:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
				mm	INCH	DIMENSION STYLE MM ONLY				TITLE 4 PIN HEADER HOUSING WITH FRICTION LOCK
			4 PLACES	± ---	± ---	DRAWN BY RZHANG		DATE 2003/10/31		
			3 PLACES	± ---	± ---	CHECKED BY HJYIN		DATE 2003/10/31		
			2 PLACES	± 0.2	± ---	 MOLEX INCORPORATED				
1 PLACE	± 0.25	± ---								
REV		 C=0	ANGULAR ± 3 °		APPROVED BY SHUANG	DATE 2003/10/31	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-47053-001	SHEET NO. 1 OF 1	
			DRAFT WHERE APPLICABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			MUST REMAIN WITHIN DIMENSIONS							
B										B