

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0530470610

Status:

Active

Overview:

[picoblade](#)

Description:

1.25mm (.049") Pitch PicoBlade™ Wire-to-Board Header, Vertical, with Friction Lock, 6 Circuits

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-51021-010 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family

Series

Application

Overview

Product Name

PCB Headers

53047

Wire-to-Board

[picoblade](#)

PicoBlade™

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

Mated Height (in)

Mated Height (mm)

Material - Plating Mating

Material - Plating Termination

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

6

6

30

No

No

No

None

Yes

0.205 In

5.20 mm

Tin

Tin

1

Vertical

0.091 In

2.30 mm

No

None

0.031 In

0.80 mm

Tray

0.049 In

1.25 mm

No

Fully

No

No

-40°C to +85°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

1A

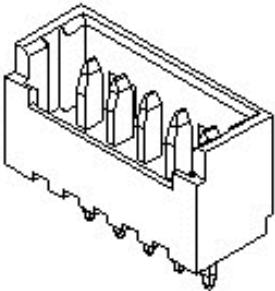
125V

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-53047



Series

image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

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

53047Series

Mates With

51021 PicoBlade™ Wire-to-Wire

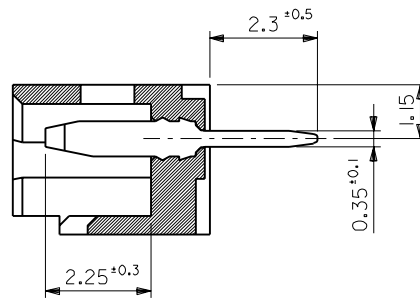
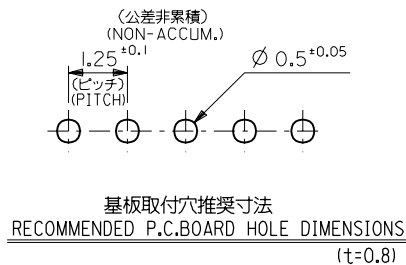
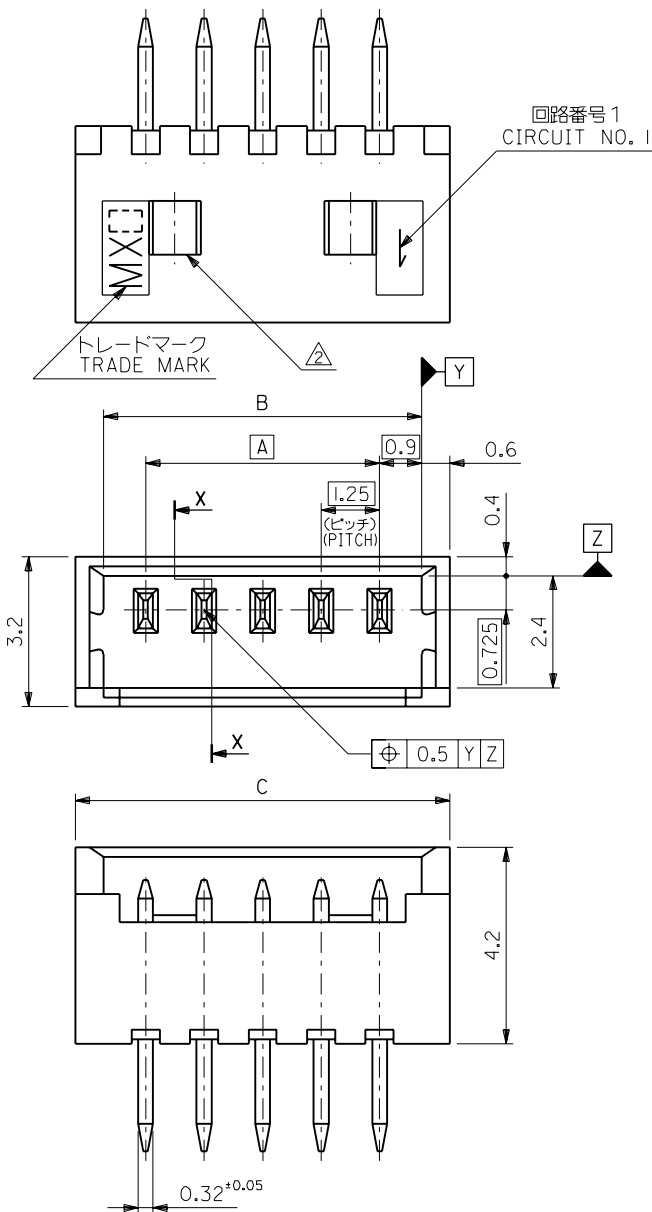
Product Specification

Sales Drawing

PS-51021-010, RPS-51021-007, RPS-51021-011,
RPS-51021-019, RPS-51021-041, RPS-51021-059,
RPS-51021-060, RPS-51021-071, RPS-51021-089
SD-53047-**10

This document was generated on 05/26/2010

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注記
NOTES

1. 嵌合相手 : 51021 シリーズ
MATES WITH : 51021 SERIES
2. ロック窓は2極と3極は1カ所、4極以上は2カ所とする。
LOCK WINDOW :
ONE PLACE FOR 2 AND 3 CKTS.
TWO PLACES FOR 4 AND MORE THAN 4 CKTS.
3. 材料
ウエハー : 66ナイロン、UL94V-0 (カラー : オフホワイト)
ピン : リン青銅、錫メッキ (0.9 μm MIN.)
MATERIAL
WAFER : 66NYLON, UL94V-0 (COLOR : OFF-WHITE)
PIN : PHOSPHOR BRONZE, PRE-TINNED (0.9 μm MIN.)

20.5	19.3	17.5	53047-1510	15
19.25	18.05	16.25	↑ -1410	14
18	16.8	15	-1310	13
16.75	15.55	13.75	-1210	12
15.5	14.3	12.5	-1110	11
14.25	13.05	11.25	-1010	10
13	11.8	10	-0910	9
11.75	10.55	8.75	-0810	8
10.5	9.3	7.5	-0710	7
9.25	8.05	6.25	-0610	6
8	6.8	5	-0510	5
6.75	5.55	3.75	-0410	4
5.5	4.3	2.5	↓ -0310	3
4.25	3.05	1.25	53047-0210	2
C	B	A	ENG. NO.	極 数 NO. OF CKTS.

角度 ANGLE		±3°	材料 MATERIAL		注記3 参照 SEE NOTE 3	molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
30 以上 OVER		±0.3	仕上げ FINISH		—H—	REVISE ONLY ON CAD SYSTEM	
10 以上 OVER 30 未満 UNDER		±0.25	適用電線範囲 WIRE RANGE		—H—	TITLE 名称	
10 未満 UNDER		±0.2	被覆外径 INS. RANGE		—H—	1.25 WIRE TO BOARD CONN. WAFAER ASS'Y STRAIGHT	
一般公差 GENERAL TOLERANCES			DRAWN BY '94/11/23		CHK'D BY '94/11/24	DWG. NO.	
記号 LTR		変更及び再作図 REVISED AND RE-DRAWN	H.H. M.F.		M.FUKUSHIMA	SD-53047-***10	
REVISION RECORD		変更内容 REVISION	DR. CHK.		日付 DATE	REV	
					APP'D BY '94/11/24	E	
					M.FUKUSHIMA		
					尺度 SCALE 10 - 1		