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Part Number:

0530480310

Status:

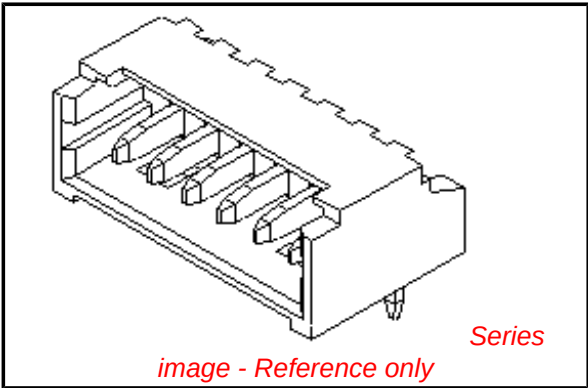
Active

Overview:

[picoblade](#)

Description:

1.25mm (.049") Pitch PicoBlade™ Header, Right Angle, 3 Circuits



Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

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

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

General	
Product Family	PCB Headers
Series	53048
Application	Wire-to-Board
Overview	picoblade
Product Name	PicoBlade™

Physical	
Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Natural
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height (in)	0.138 In
Mated Height (mm)	3.50 mm
Material - Plating Mating	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Right Angle
PC Tail Length (in)	0.091 In
PC Tail Length (mm)	2.30 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.031 In
PCB Thickness Recommended (mm)	0.80 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.049 In
Pitch - Mating Interface (mm)	1.25 mm
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole

Electrical	
Current - Maximum per Contact	1A
Voltage - Maximum	125V

Material Info

Reference - Drawing Numbers	
Packaging Specification	SPK-53048-001

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

53048Series

Mates With

51021 PicoBlade™ Wire-to-Wire

Product Specification

Sales Drawing

PS-51021-010, RPS-51021-007, RPS-51021-011,
RPS-51021-048, RPS-51021-059, RPS-51021-060,
RPS-51021-071, RPS-51021-089
SD-53048-**10

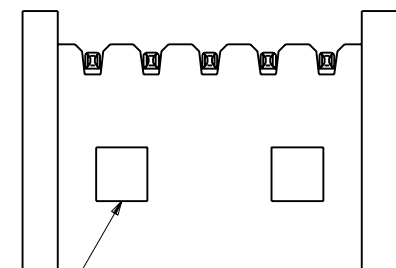
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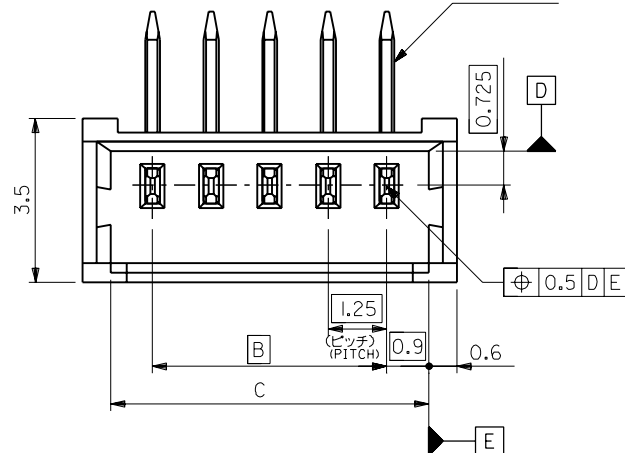
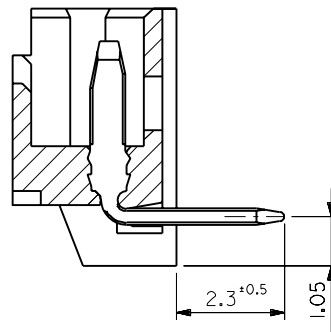
注記

NOTES

1. 嵌合相手: 51021-**00
MATE WITH: 51021-**00
- △ ロック窓は、2、3極が1ヶ所、4~15極が2ヶ所とする。
WINDOW OF LOCK CONSTRUCTED 1 POINT BY 2,3POLES
AND 2POINTS BY 4~15POLES.



回路番号 1
CKT.No.1



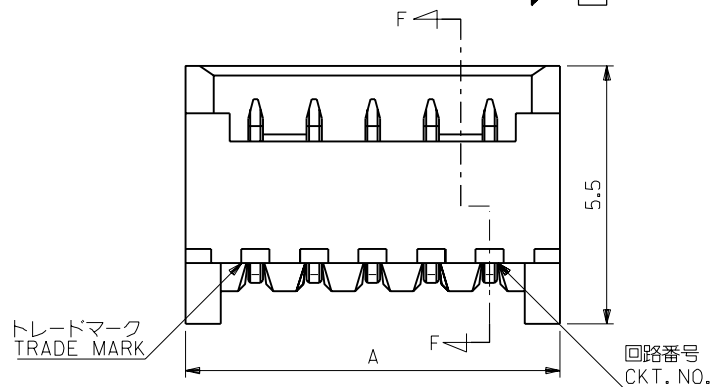
断面 F—F
SECT.F-F



基板取付穴推奨寸法 (t = 0.8)

RECOMMENDED PC BOARD HOLE DIMENSION
(t=0.8)

19.3	17.5	20.5	53048-1510	15
18.05	16.25	19.25	-1410	14
16.8	15	18	-1310	13
15.55	13.75	16.75	-1210	12
14.3	12.5	15.5	-1110	11
13.05	11.25	14.25	-1010	10
11.8	10	13	-0910	9
10.55	8.75	11.75	-0810	8
9.3	7.5	10.5	-0710	7
8.05	6.25	9.25	-0610	6
6.8	5	8	-0510	5
5.55	3.75	6.75	-0410	4
4.3	2.5	5.5	-0310	3
3.05	1.25	4.25	53048-0210	2
C	B	A	ENC. NO.	極数



角度	ANGLE	°
30 以上	OVER	°
10 以上 30 未満	OVER UNDER	°
10 未満	UNDER	°
一般公差 GENERAL TOLERANCES		

[illegible]

材 料	ピン:リン青銅、銅メッキ
MATERIAL	PIN:PHOSPHOR BRONZE, TIN PLATE
ウェーハ:66ナイロン、UL94V-0	
WAFER:66NYLON,UL94V-0	
仕上げ FINISH	— //
適用電線範囲 WIRE RANGE	— //
被覆外径 INS. RADIUS	— //
DRAWN BY '96/06/11 S_ANDO	CHK'D BY '96/06/11 M.FUKUSHIMA
APP'D BY '96/06/11 M.ENOMOTO	尺 度 SCALE 10 : 1

 MOLEX-JAPAN CO.,LTD.
日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称
1.25 WIRE TO BOARD
CONN. WAFER ASS'Y R/A

DWG. NO.
SD-53048-**-10

REV
C