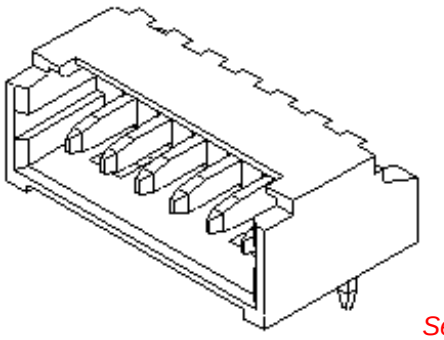
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Part Number: 0530480710
Status: Active
Overview: picoblade
Description: 1.25mm (.049") Pitch PicoBlade™ Header, Right Angle, 7 Circuits



Series image - Reference only

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)	7
Circuits (maximum)	7
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 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
53048Series

Mates With
51021 PicoBlade™ Wire-to-Wire

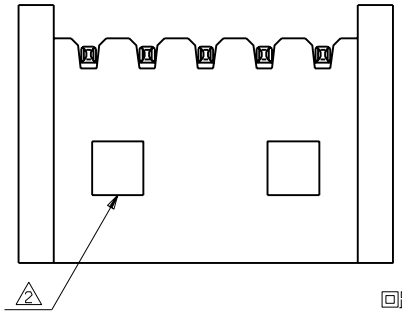
Product Specification	PS-51021-010, RPS-51021-007, RPS-51021-011, RPS-51021-048, RPS-51021-059, RPS-51021-060, RPS-51021-071, RPS-51021-089
Sales Drawing	SD-53048-**10

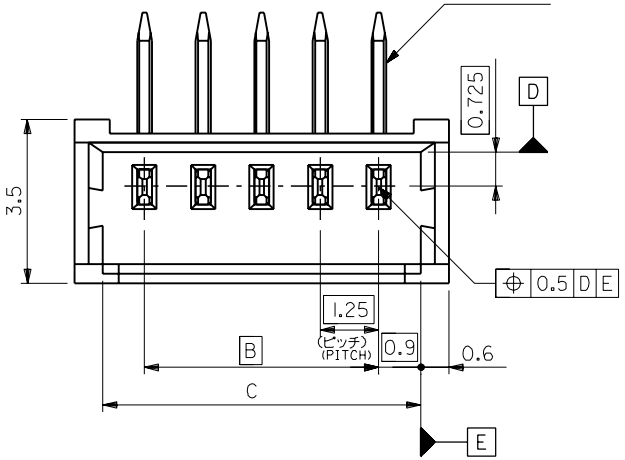
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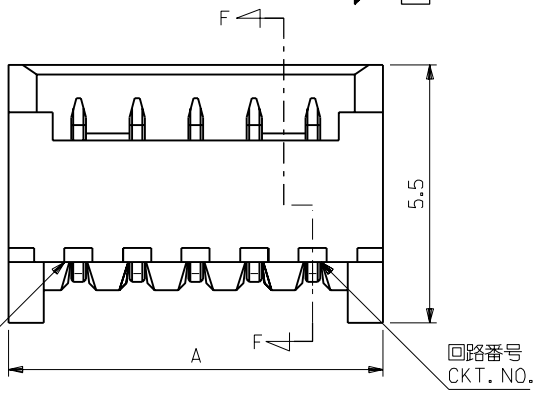
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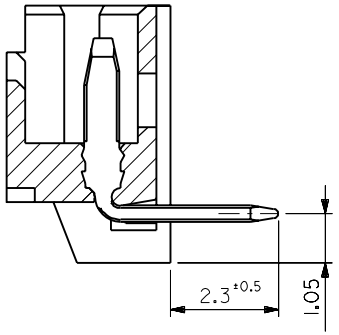
DWG. NO. SD-53048-**10

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

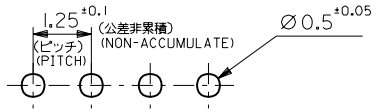








断面 F−F
SECT.F-F



基板取付穴推奨寸法（t＝0．8）
RECOMMENDED PC BOARD HOLE DIMENSION (t=0.8)

C	B	A	ENG. NO.	極数
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

角度 ANGLE	±3°
30 以上 OVER	±0.3
10 以上 OVER 30 未満 UNDER	±0.25
10 未満 UNDER	±0.2
一般公差 GENERAL TOLERANCES	

記号 LTR	変更内容 REVISION RECORD	DR. / CHK.	日付 DATE
C	再作図 REDRAWN (JC70378)	S.A / M.F	'96/06/11

材料 MATERIAL PIN:PHOSPHOR BRONZE, TIN PLATE
ピン：リン青銅、錫メッキ
ウェハー：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. RANGE

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

SD53048.S01

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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