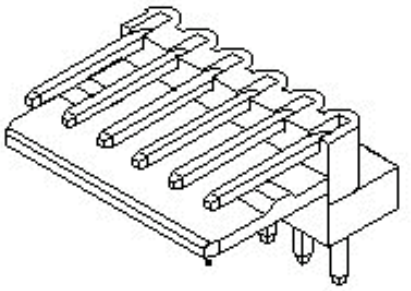
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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0022051042

Status: Active

Description: 2.50mm (.098") Pitch Wire-to-Board Header, Right Angle, Friction Lock, 4 Circuits, Tin (Sn) Plating



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-5046-002 (PDF)
Product Specification PS-5102-002 (PDF)
Product Specification PS-51191-002 (PDF)
Product Specification PS-5251-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
TUV	R72090224
UL	E29179

General

Product Family	PCB Headers
Series	5046
Application	Wire-to-Board
MolexKits	Yes
Product Name	N/A

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Number of Rows	1
Orientation	Right Angle
PC Tail Length (in)	0.134 In
PC Tail Length (mm)	3.40 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.098 In
Pitch - Mating Interface (mm)	2.50 mm
Plating min: Mating (µin)	200
Plating min: Mating (µm)	5
Plating min: Termination (µin)	200
Plating min: Termination (µm)	5
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
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
5046Series

Mates With
51191 KK® Wire-to-Board Header

Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	1.5A, 2.5A, 2A, 3A
Voltage - Maximum	250V

Material Info

Old Part Number	5046-04A

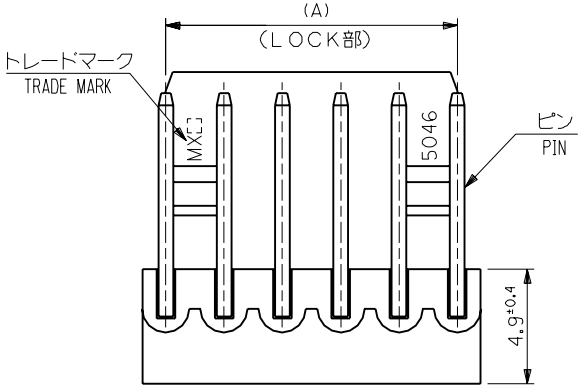
Reference - Drawing Numbers

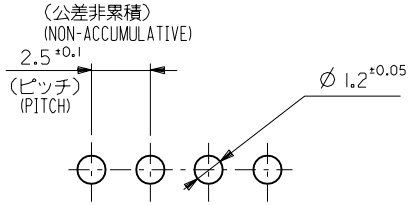
Packaging Specification	SPK-5046-001
Product Specification	PS-5046-002, PS-5102-002, PS-51191-002, PS-5251-001, RPS-51191-007
Sales Drawing	SD-5046-NA

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DWG. NO. SD-5046-NA





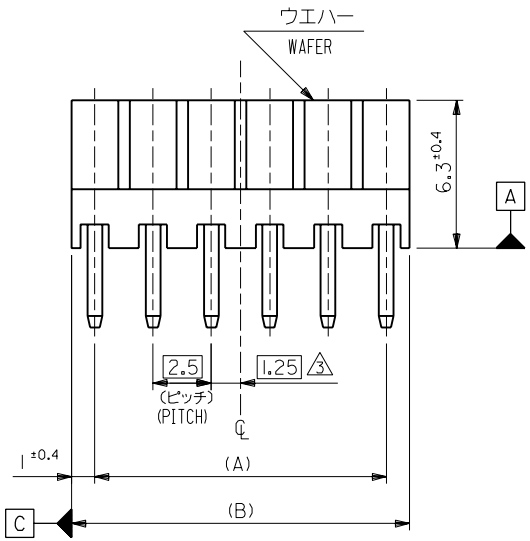
基板取付穴推奨寸法(t1.6)
RECOMMENDED P.C.BOARD HOLE DIM.

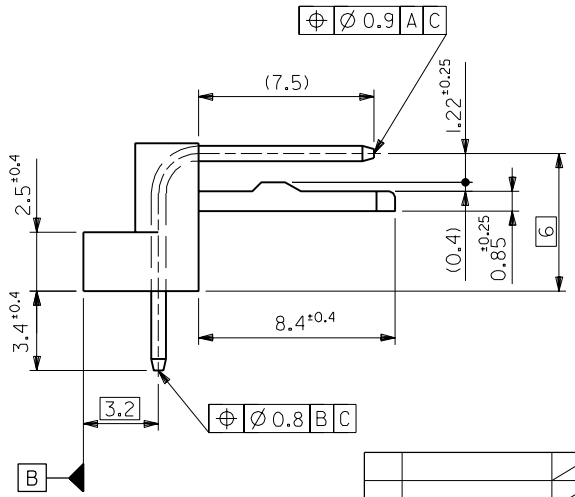
注記
NOTES :

1. そりは長さ25.4に対して0.2MAX.
CAMBER MUST BE WITHIN 0.2MAX. PER 25.4 .

2. 材料(MATERIAL)
ウエハー：66ナイロン, UL94V-0
WAFER: 66NYLON , UL94V-0
ピン：□0.635 黄銅、銅下地錫メッキ
PIN: □0.635 BRASS, TIN OVER COPPER PLATING.

△3 全極数が偶数の場合のみ適用。
APPLY FOR EVEN CIRCUITS PRODUCT ONLY.





(B)	(A)	EDP NO.	ENG.NO.	極数 CKT.
49.5	47.5	22-05-1202	5046-20A	20
47	45	-1192	-19A	19
44.5	42.5	-1182	-18A	18
42	40	-1172	-17A	17
39.5	37.5	-1162	-16A	16
37	35	-1152	-15A	15
34.5	32.5	-1142	-14A	14
32	30	-1132	-13A	13
29.5	27.5	-1122	-12A	12
27	25	-1112	-11A	11
24.5	22.5	-1102	-10A	10
22	20	-1092	-09A	9
19.5	17.5	-1082	-08A	8
17	15	-1072	-07A	7
14.5	12.5	-1062	-06A	6
12	10	-1052	-05A	5
9.5	7.5	-1042	-04A	4
7	5	-1032	-03A	3
4.5	2.5	22-05-1022	5046-02A	2

角度 ANGLE	±3°
30 以上 OVER	±0.3
10 以上 30 未満 OVER 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
H	変更 REVISED (J40895)	M.S H.H	'94/11/1
G	変更及び再作図 REVISED & REDRAWN (J20018)	Y.M H.H	'92/1/10

材料 MATERIAL	注記参照 SEE NOTE
仕上げ FINISH	//
適用電線範囲 WIRE RANGE	//
被覆外径 INS. RANGE	//
DRAWN BY '92/1/9 Y.MIZUNO	CHK'D BY '94/11/1 Y.M H.HIRAMOTO
APP'D BY '94/11/1 M.FUKUSHIMA	尺度 SCALE 5 : 1

MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称
KK2.5 RIGHT ANGLE WAFER ASS'Y

DWG. NO. SD-5046-NA

REV H

5046.S20

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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