

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0530140210

Status:

Active

Description:

2.00mm (.079") Pitch MicroBlade™ Wire-to-Board Header, Vertical, 2 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-51004-002 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

53014

Application

Wire-to-Board

Product Name

MicroBlade™

Physical

Breakaway

No

Circuits (Loaded)

2

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 - Metal

Phosphor Bronze

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Nylon

Number of Rows

1

Orientation

Vertical

PC Tail Length (in)

0.138 In

PC Tail Length (mm)

3.50 mm

PCB Locator

No

PCB Retention

Yes

PCB Thickness Recommended (in)

0.062 In

PCB Thickness Recommended (mm)

1.60 mm

Packaging Type

Bag

Pitch - Mating Interface (in)

0.079 In

Pitch - Mating Interface (mm)

2.00 mm

Polarized to PCB

No

Shrouded

Fully

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-20°C to +85°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

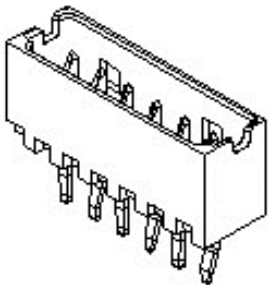
2A

Voltage - Maximum

125V

Material Info

Reference - Drawing Numbers



Series

image - Reference only

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

53014Series

Mates With

51004 Crimp Housing. 50011 Crimp Terminal

Packaging Specification
Product Specification

SPK-53014-001
PS-51004-002, RPS-51004-001, RPS-51004-002,
RPS-51004-003, RPS-51004-004, RPS-51004-005,
RPS-51004-007, RPS-51004-008, RPS-51004-010,
RPS-51004-011, RPS-51004-014, RPS-51004-018,
RPS-51004-019, RPS-51004-020, RPS-51004-022,
RPS-51004-023, RPS-51004-024, RPS-51004-025,
RPS-53014-001
SD-53014-001

Sales Drawing

This document was generated on 06/07/2010

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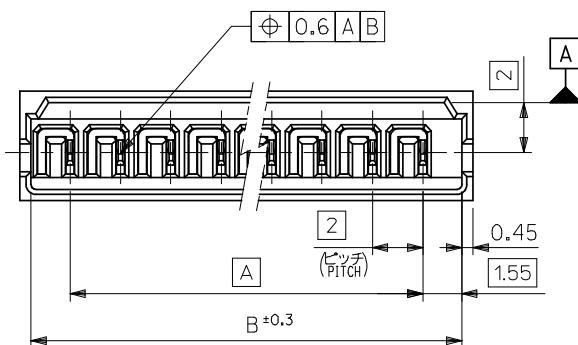
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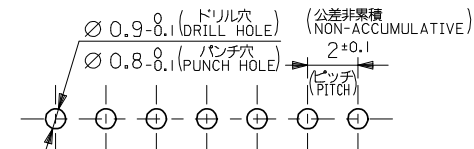
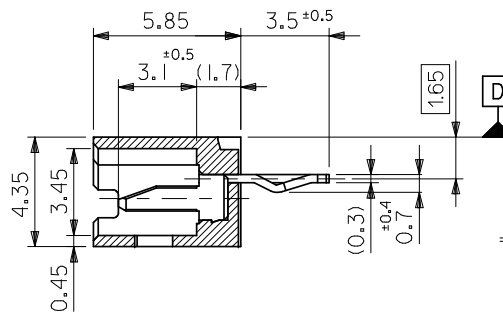
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2

1



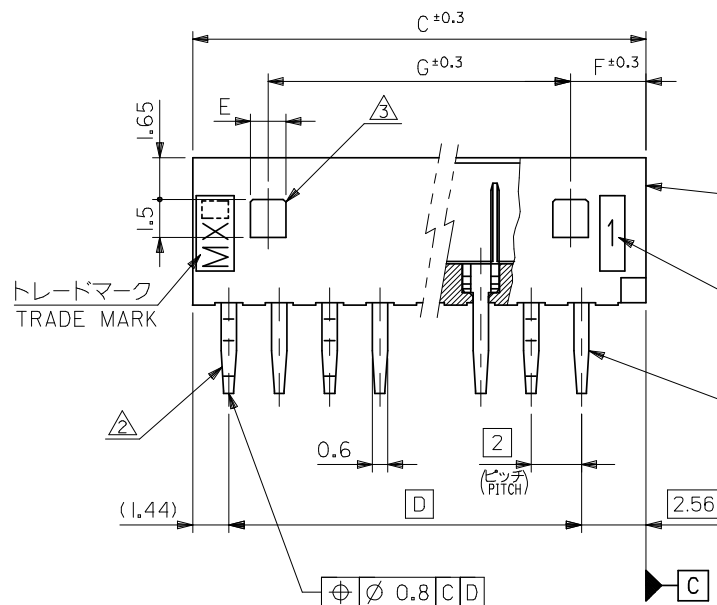
2極品のキンク形態図
KINK FORM FOR 2 CKTS.
両方のテールにキンクを施す。
SOLDER TAIL KINK SHOULD
BE ADDED ON BOTH TAILS.



基板取付穴推奨寸法 (参考)
RECOMMENDED P.C. BOARD
HOLE DIMENSION (REFERENCE)

注記 NOTES

1. 嵌合相手 : 51004-**-00
MATES WITH : 51004-**-00
2. 3極以上のキンク加工については、トレードマーク側からキンク、ストレートの順に、1極おきに2箇所以上に施すこと。
KINK TO BE ADDED ON THE ODD NUMBER SOLDER TAILS. (FROM THE TRADE MARK SIDE.)
3. ロック用の穴は、2極品及び3極品に1ヶ、4極品以上は2ヶとする。
LOCKING HOLE : 1 PLACE FOR 2, 3 CKTS, 2 PLACES FOR 4 CKTS. AND MORE THAN 4 CKTS.



ウェハー
WAFER
(ナイロン66、ガラス入り
NYLON66, GLASS FILLED)
UL94V-0

回路番号
CIRCUIT NO.

ピン
PIN
(リン青銅、鍍メッキ
PHOSPHOR BRONZE,
PRE-TINNED, t=0.32)

26	3	1.4	28	32	31.1	28	53014-1510	15
24	3	1.4	26	30	29.1	26	-1410	14
22	3	1.4	24	28	27.1	24	-1310	13
20	3	1.4	22	26	25.1	22	-1210	12
18	3	1.4	20	24	23.1	20	-1110	11
16	3	1.4	18	22	21.1	18	-1010	10
14	3	1.4	16	20	19.1	16	-0910	9
12	3	1.4	14	18	17.1	14	-0810	8
10	3	1.4	12	16	15.1	12	-0710	7
8	3	1.4	10	14	13.1	10	-0610	6
6	3	1.4	8	12	11.1	8	-0510	5
4	3	1.4	6	10	9.1	6	-0410	4
—	4	3.4	4	8	7.1	4	-0310	3
—	3	1.4	2	6	5.1	2	53014-0210	2
G	F	E	D	C	B	A	PLASTIC BAG	NO. OF CKTS.
							ORDER No. オーダー番号	

REVISED EC NO: J2009-0377 2008/08/07 DRWN: MABEI 2008/08/18 CHKD: THARUYAMA 2008/08/19 APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY M. HENMI	DATE '92/03/06	TITLE 2.0 LOW PROFILE WAFER ASSY				
		10 OVER 30 UNDER	± 0.25	CHECKED BY M. FUKUSHIMA	DATE '92/05/28					
		30 OVER	± 0.3	APPROVED BY M. ENOMOTO	DATE '92/05/28	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.						
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-53014-001		1 OF 1		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								