

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

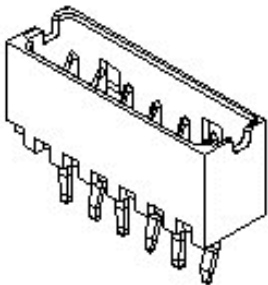


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto: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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F

E

D

C

B

A

F

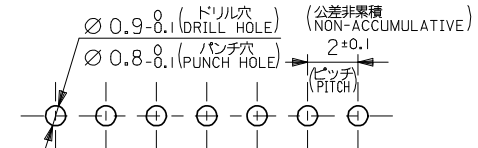
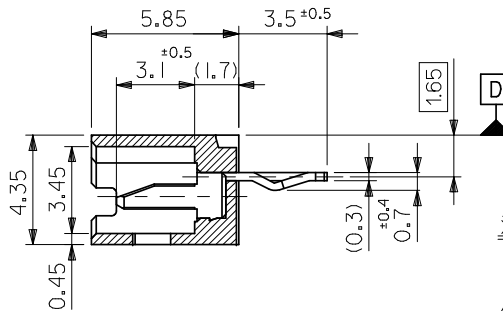
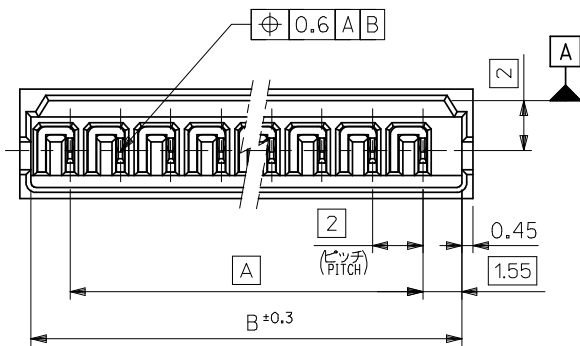
E

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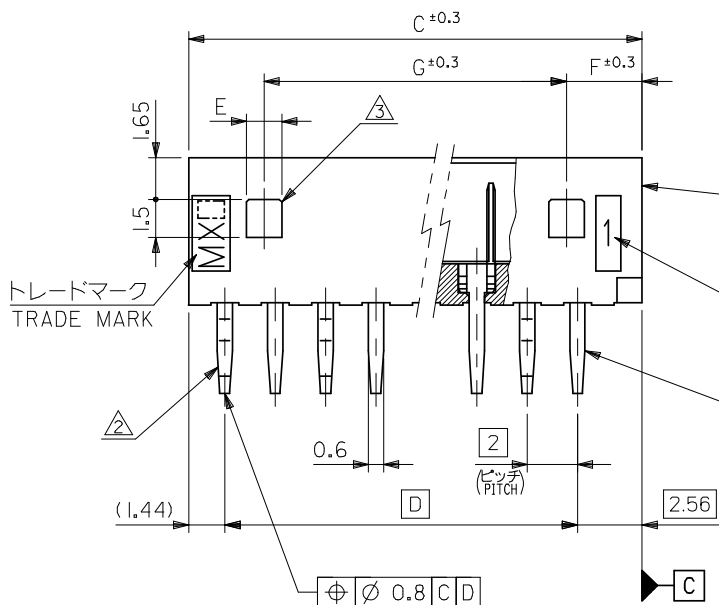
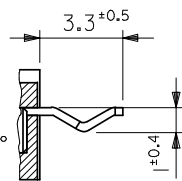


基板取付穴推奨寸法 (参考)  
RECOMMENDED P.C. BOARD  
HOLE DIMENSION (REFERENCE)

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箇所以上を施すこと。  
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.

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.



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  
10 UNDER ±0.2  
10 OVER 30 UNDER ±0.25  
30 OVER ±0.3  
ANGULAR ±3 °  
DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

DIMENSION STYLE  
MM ONLY

SCALE  
5:1

DESIGN UNITS  
METRIC

MODEL NO.  
53014-\*\*-10

THIRD ANGLE  
PROJECTION

MOLEX INCORPORATED

SD-53014-001

1 OF 1

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