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Part Number:

0530140510

Status:

Active

Description:

2.00mm (.079") Pitch MicroBlade™ Wire-to-Board Header, Vertical, 5 Circuits

Documents:

- 3D Model

Product Specification PS-51004-002 (PDF)
- Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	53014
Application	Wire-to-Board
MolexKits	Yes
Product Name	MicroBlade™

Physical

Breakaway	No
Circuits (Loaded)	5
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

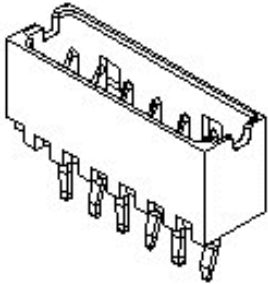


image - Reference only

Series

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

53014Series

Mates With

51004 Crimp Housing. 50011 Crimp
Terminal

Reference - Drawing Numbers

Packaging Specification
Product Specification

SPK-53014-001
PS-51004-002, RPS-51004-001, RPS-51004-002,
RPS-51004-003, RPS-51004-004, 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

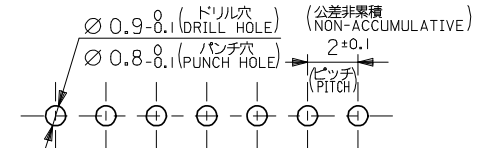
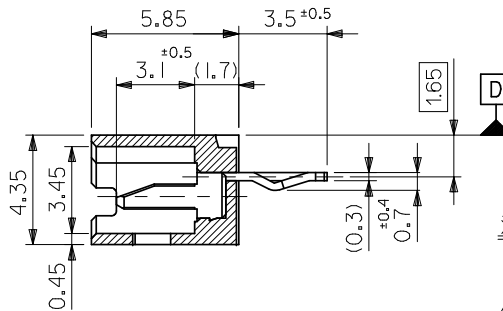
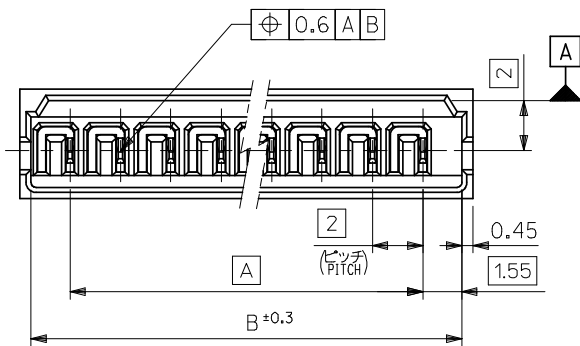
E

D

C

B

A

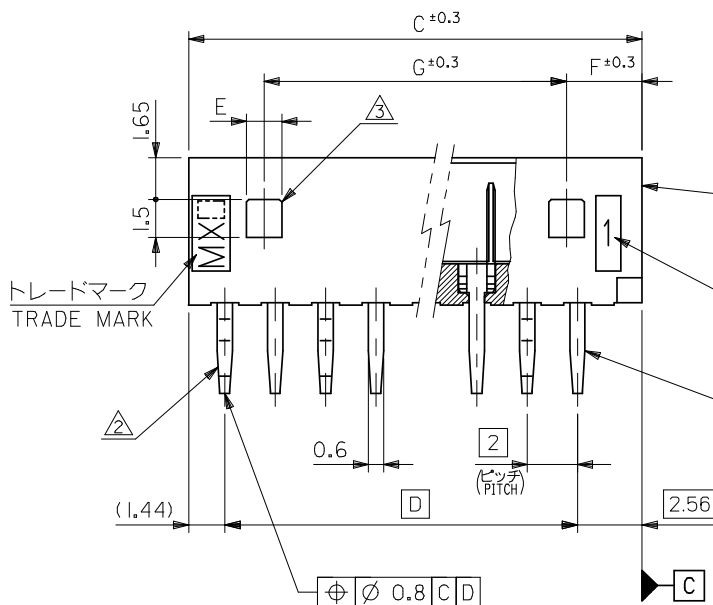
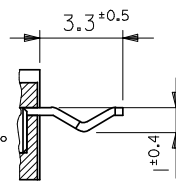


基板取付穴推奨寸法 (参考)
RECOMMENDED P.C. BOARD
HOLE DIMENSION (REFERENCE)

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.

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
DRWN: MABEI
CHKD: THARUYAMA
APPR: NUKITA

2008/08/07
2008/08/18
2008/08/19

DESCRIPTION
REV

GENERAL TOLERANCES
(UNLESS SPECIFIED)
10 UNDER ±0.2
10 OVER 30 UNDER ±0.25
30 OVER ±0.3
ANGULAR ±3 °
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY
DATE
TITLE
M. HENMI
'92/03/06
CHECKED BY
DATE
M. FUKUSHIMA
'92/05/28
APPROVED BY
DATE
M. ENOMOTO
'92/05/28
MATERIAL NO.
SIZE
A3

SCALE
5:1
DESIGN UNITS
METRIC
THIRD ANGLE
PROJECTION
2.0 LOW PROFILE
WAFER ASSY
MOLEX INCORPORATED
SD-53014-001
SHEET NO.
1 OF 1

53014-**10
MODEL NO.
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