

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0530150310

Status:

Active

Description:

2.00mm (.079") Pitch MicroBlade™ Wire-to-Board Header, Right Angle, 3 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

53015

Application

Wire-to-Board

Product Name

MicroBlade™

Physical

Breakaway

No

Circuits (Loaded)

3

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

Right Angle

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

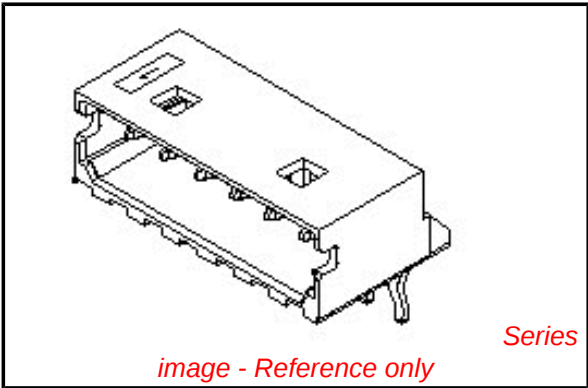
2A

Voltage - Maximum

125V

Material Info

Reference - Drawing Numbers



EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

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
53015Series

Mates With
51004 Crimp Housing. 50011 Crimp
Terminal

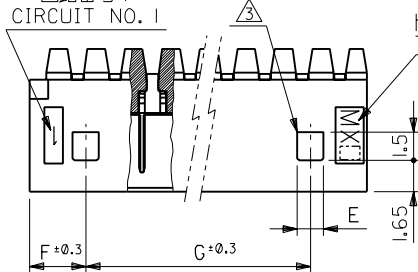
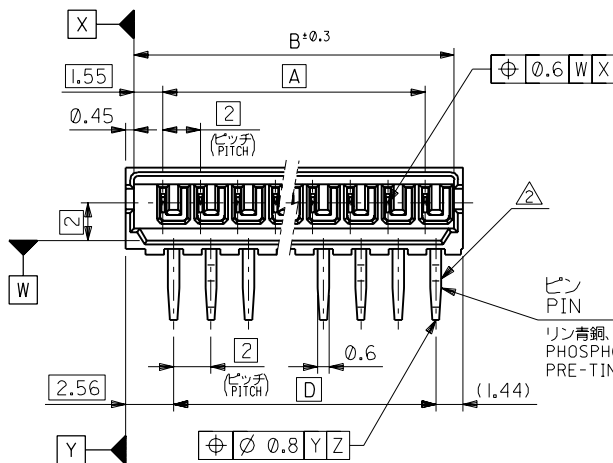
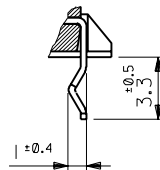
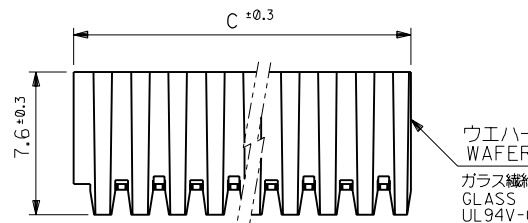
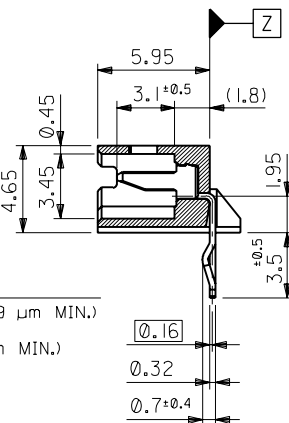
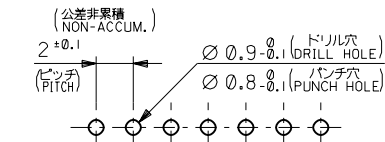
Product Specification

PS-51004-002, RPS-51004-002, RPS-51004-003,
RPS-51004-008, RPS-51004-010, RPS-51004-011,
RPS-51004-014, RPS-51004-015, RPS-51004-016,
RPS-51004-017, RPS-51004-018, RPS-51004-019,
RPS-51004-020, RPS-51004-021, RPS-51004-022,
RPS-51004-023, RPS-51004-024, RPS-51004-025,
RPS-53014-001
SD-53015-**10

Sales Drawing

This document was generated on 04/15/2010

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回路番号 1
CIRCUIT NO. 1トレードマーク
TRADE MARK2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.ピン
PINリン青銅、錫メッキ (0.9 μm MIN.)
PHOSPHOR BRONZE
PRE-TINNED(0.9 μm MIN.)ウェハー
WAFERガラス繊維入りナイロン66 (カラー: オフホワイト)
GLASS FILLED NYLON66 (COLOR: OFF-WHITE)
UL94V-0基板取付穴推奨寸法 (参考)
RECOMMENDED P.C. BOARD HOLE DIM. (REF.)
(t=1.6)

注記 NOTES

1. 嵌合相手 : 51004 シリーズ
MATES WITH : 51004 SERIES
2. 3極以上のキンクは、1極おきに2カ所以上に施すこと。
KINK TO BE ADDED ON THE ODD NUMBER
SOLDER TAILS.(FROM THE TRADE MARK SIDE)
3. ロック穴は、2極と3極は1カ所、4極以上は2カ所とする。
LOCKING HOLE : ONE PLACE FOR 2 AND 3 CKTS.
TWO PLACES FOR 4 AND MORE THAN 4 CKTS.

26	3	1.4	28	32	31.1	28	53015-1510	15
24	↑	↑	26	30	29.1	26	↑ -1410	14
22			24	28	27.1	24	↑ -1310	13
20			22	26	25.1	22	↑ -1210	12
18			20	24	23.1	20	↑ -1110	11
16			18	22	21.1	18	↑ -1010	10
14			16	20	19.1	16	↑ -0910	9
12			14	18	17.1	14	↑ -0810	8
10			12	16	15.1	12	↑ -0710	7
8			10	14	13.1	10	↑ -0610	6
6	↓	↓	8	12	11.1	8	↑ -0510	5
4	3	1.4	6	10	9.1	6	↑ -0410	4
—H—	4	3.4	4	8	7.1	4	↑ -0310	3
—H—	3	1.4	2	6	5.1	2	53015-0210	2
G	F	E	D	C	B	A	ENG. NO.	極数 NO. OF CKTS.

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	再作図及び変更 REWORK & REVISION (JIS0279)	変更内容 REVISION RECORD	DR. CHK.	日付 DATE
E	H.H.	M.F.		'93/3/31

材料 MATERIAL	図中参照 SEE DWG.
仕上げ FINISH	—H—
適用電線範囲 WIRE RANGE	—H—
被覆外径 INS. RANGE	—H—
DRAWN BY '93/3/31 H.HIRAMOTO	CHK'D BY '93/3/31 H.HIRAMOTO
APP'D BY '93/3/31 M.FUKUSHIMA	尺度 SCALE 4 - 1

 MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
REVISE ONLY ON CAD SYSTEM	
TITLE 名称 2.0 LOW PROFILE WAFER ASS'Y R/A	
DWG. NO. SD-53015-**10	REV E