

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

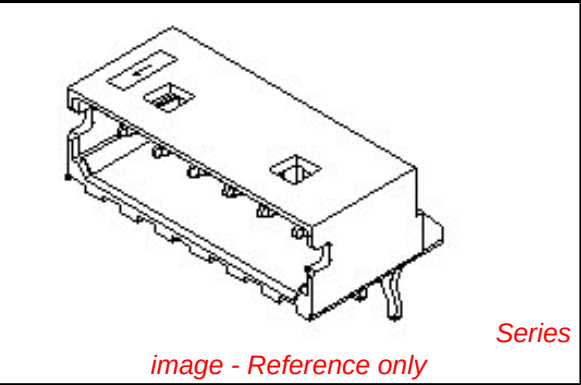
0530151110

Status:

Active

Description:

2.00mm (.079") Pitch MicroBlade™ Wire-to-Board Header, Right Angle, 11 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	53015
Application	Wire-to-Board
MolexKits	Yes
Product Name	MicroBlade™
Physical	
Breakaway	No
Circuits (Loaded)	11
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

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free Status

Not Reviewed

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

Reference - Drawing Numbers

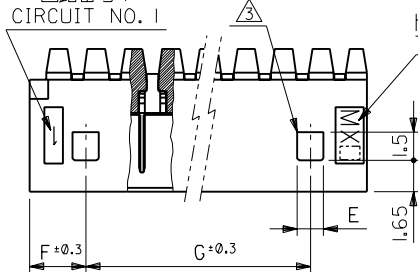
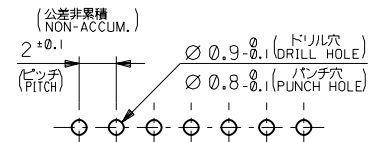
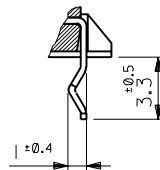
Packaging Specification
Product Specification

SPK-53015-001
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

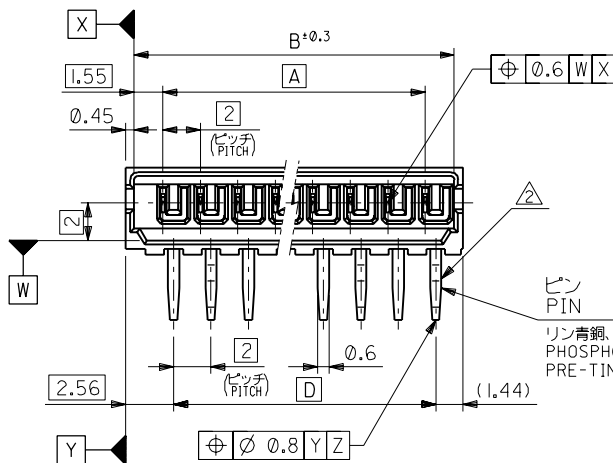
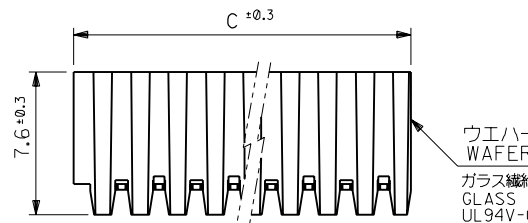
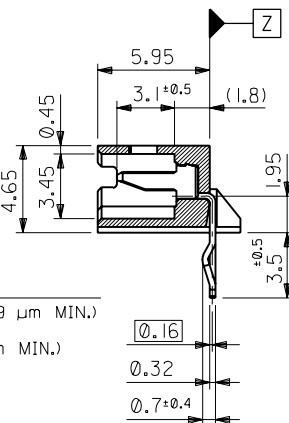
This document was generated on 06/07/2010

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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.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.

ピン
PINリン青銅、錫メッキ (φ0.9 μm MIN.)
PHOSPHOR BRONZE
PRE-TINNED(φ0.9 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

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 (JIS Z 879)	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

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 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/ADWG. NO.
SD-53015-***10REV
E