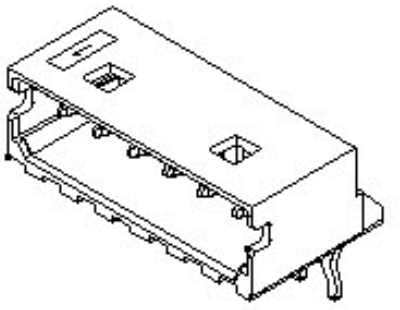
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Part Number: 0530151210
Status: Active
Description: 2.00mm (.079") Pitch MicroBlade™ Wire-to-Board Header, Right Angle, 12 Circuits



Series image - Reference only

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)	12
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
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
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
Sales Drawing	SD-53015-**10

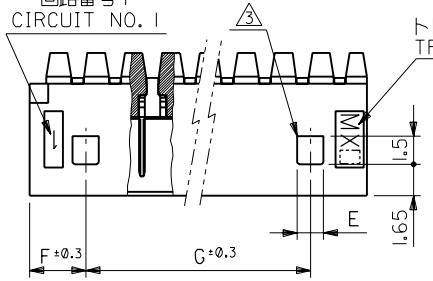
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DWG. NO. SD-53015-**10

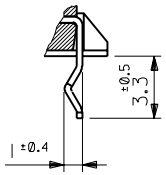
:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

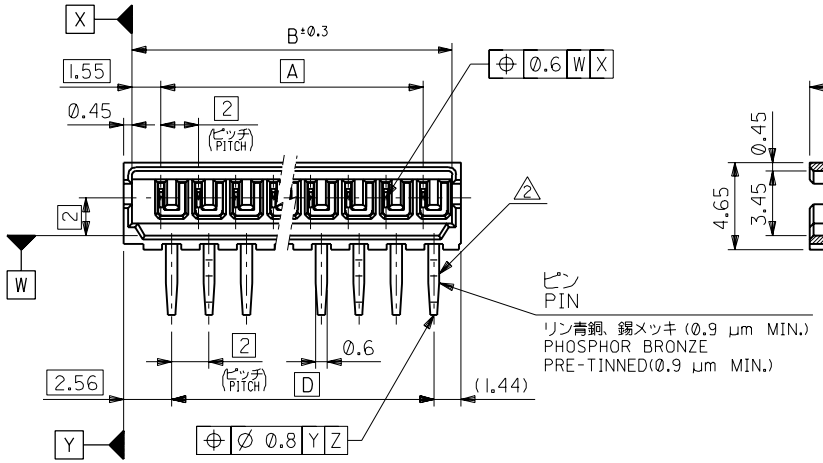
回路番号1
CIRCUIT NO. 1

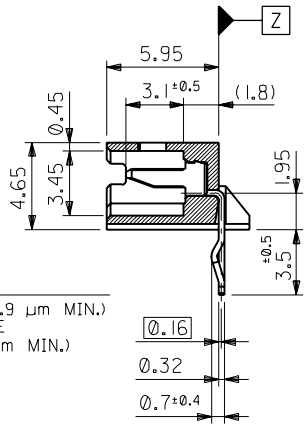


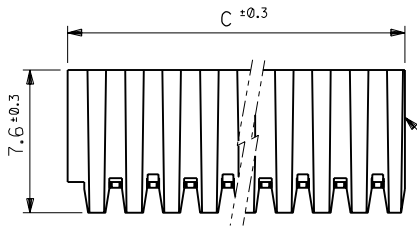
2極品のキンク形態図
KINK FORM FOR 2 CKTS.

両方のテールにキンクを施す。
SOLDER TAIL KINK SHOULD BE ADDED ON BOTH TAILS.



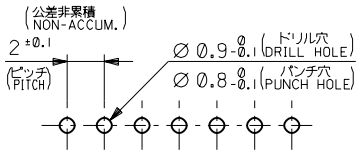






ウエハー
WAFER

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ヵ所以上に施すこと。
   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ヵ所、4極以上は2ヵ所とする。
   LOCKING HOLE : ONE PLACE FOR 2 AND 3 CKTS. TWO PLACES FOR 4 AND MORE THAN 4 CKTS.

G	F	E	D	C	B	A	ENG. NO.	極数 NO. OF 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
〃	4	3.4	4	8	7.1	4	-0310	3
〃	3	1.4	2	6	5.1	2	53015-0210	2

角度 ANGLE	±3°
30以上 OVER	±0.3
10以上 OVER 30未満 UNDER	±0.25
10未満 UNDER	±0.2
一般公差 GENERAL TOLERANCES	

記号 LTR	変更内容 REVISION RECORD	DR. / CHK.	日付 DATE
E	再作図及び変更 REDRAWN & REVISED (J30279)	H.H / M.F	'93/3/31

材料 MATERIAL 図中参照 SEE DWG.

仕上げ FINISH

適用電線範囲 WIRE RANGE

被覆外径 INS. RANGE

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

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

DWG. NO. SD-53015-**10

REV E

530 15.505

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