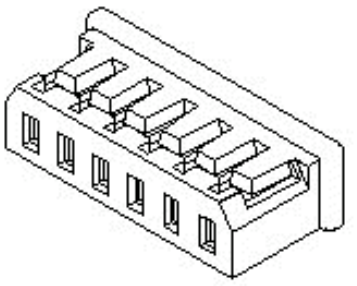
This document was generated on 05/19/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0510041500
Status: Active
Overview: microblade
Description: 2.00mm (.079") Pitch MicroBlade™ Wire-to-Board Housing, Friction Lock, 5.80mm (.228") Height, 15 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	Crimp Housings
Series	51004
Overview	microblade
Product Name	MicroBlade™

Physical

Circuits (maximum)	15
Flammability	94V-0
Gender	Receptacle
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Stackable	No
Temperature Range - Operating	-20°C to +85°C

Electrical

Current - Maximum per Contact	2A

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-51004-001
Product Specification	PS-51004-002, RPS-51004-001, RPS-51004-002, RPS-51004-003, RPS-51004-004, RPS-51004-006, RPS-51004-008, RPS-51004-010, RPS-51004-011, RPS-51004-012, RPS-51004-013, 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
Sales Drawing	SD-51004-**00

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
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
51004Series

Mates With
53014 , 53015 , 53025 MicroBlade™ Headers

Use With
50011 Crimp Terminal

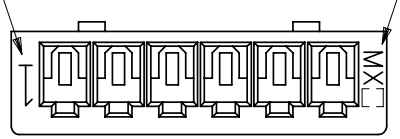
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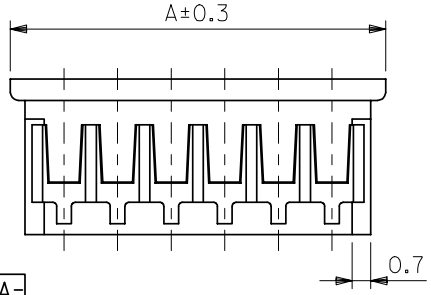
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

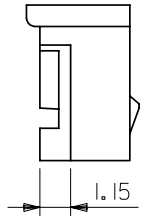
DWG. NO. SD-51004-**00

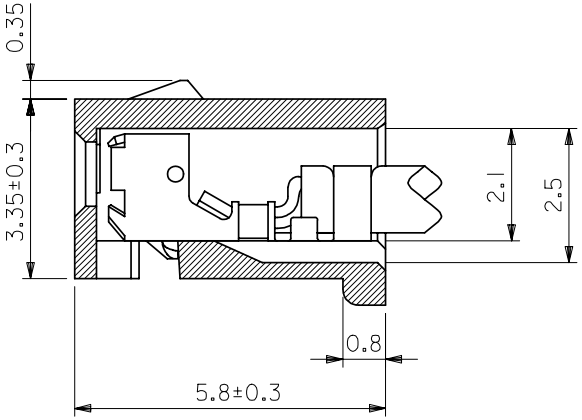
回路番号
CIRCUIT NO.

トレードマーク
TRADE MARK

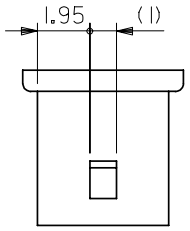








ターミナル装着状態
TERMINAL ASSEMBLY DRAWING
(10:1)



2極の場合
IN CASE OF 2 CIRCUIT HSG.

注)
NOTE.

1. 適合ターミナル：50011-8*00
ACCEPTS TERMINAL

2. 嵌合相手：53014-**10
MATES WITH 53015-**10
53025-**10

32	30.9	28	51004-1500	15
30	28.9	26	-1400	14
28	26.9	24	-1300	13
26	24.9	22	-1200	12
24	22.9	20	-1100	11
22	20.9	18	-1000	10
20	18.9	16	-0900	9
18	16.9	14	-0800	8
16	14.9	12	-0700	7
14	12.9	10	-0600	6
12	10.9	8	-0500	5
10	8.9	6	-0400	4
8	6.9	4	-0300	3
6	4.9	2	51004-0200	2
A	C	B	ENG.NO.	極数 CIRCUIT

DO NOT SCALE DRAWING

EC NO.	DRWN:	CH'K:	APPR:	DESCRIPTION	REV
				REDRAWN	C
JC2000-0629	K.KOHAMA '00/ 3/28	T.YAMAGUCHI '00/ 3/30	M.FUKUSHIMA '00/ 3/30		

MATERIAL 材料: PBT. UL94V-0
POLYESTER UL94V-0

FINISH 仕上げ

WIRE RANGE 適用電線範囲

INS. RANGE 被覆外径

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

10 UNDER 未満	±0.2
10 OVER 以上 30 UNDER 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

SCALE 5:1 | DESIGN UNITS ☒mm ☐INCH | THIRD ANGLE PROJECTION | DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY | SHT | REV | REVISE ON CAD ONLY

DRAWN BY & DATE K.KOHAMA '00/ 3/28

CHECKED BY & DATE T.YAMAGUCHI '00/ 3/30

APPROVED BY & DATE M.FUKUSHIMA '00/ 3/30

CAD FILENAME S51004.S01

TITLE: 2.0 LOW-PRO REC. HSG.

MOLEX INCORPORATED

MATERIAL NO. 51004-**00

DRAWING NO. SD-51004-**00

SHEET NO. 1

SIZE B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

S51004.S01

EN-02J(097) MXJ-54