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Part Number: [0510040500](#)
Status: **Active**
Overview: [microblade](#)
Description: 2.00mm (.079") Pitch MicroBlade™ Wire-to-Board Housing, Friction Lock, 5.80mm (.228") Height, 5 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 Crimp Housings
Series [51004](#)
MolexKits Yes
Overview [microblade](#)
Product Name MicroBlade™

Physical

Circuits (maximum) 5
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

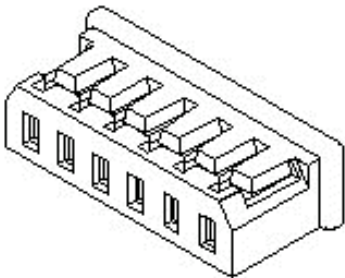
Electrical

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



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**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

[51004Series](#)

Mates With

[53014](#) , [53015](#) , [53025](#) MicroBlade™
Headers

Use With

[50011](#) Crimp Terminal

DWG. IO.
SD-51004-**-00

F

D

V

C

B

DO NOT SCALE DRAWING

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7

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E

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C

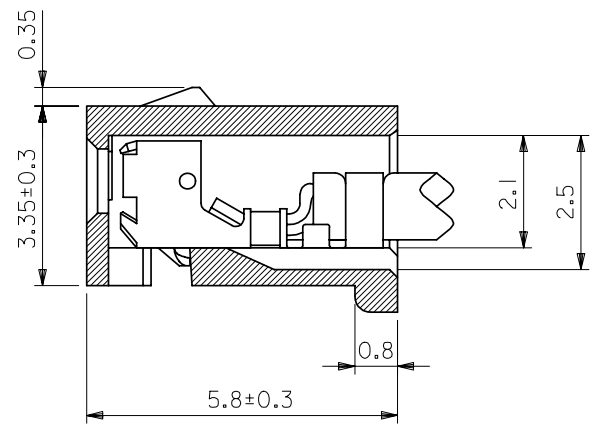
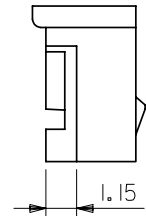
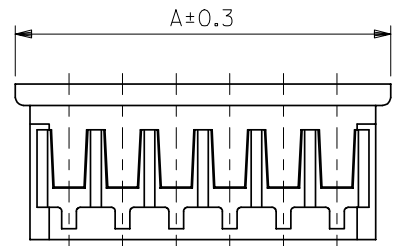
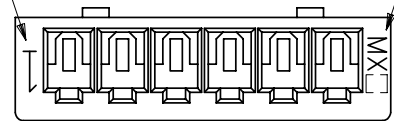
B

A

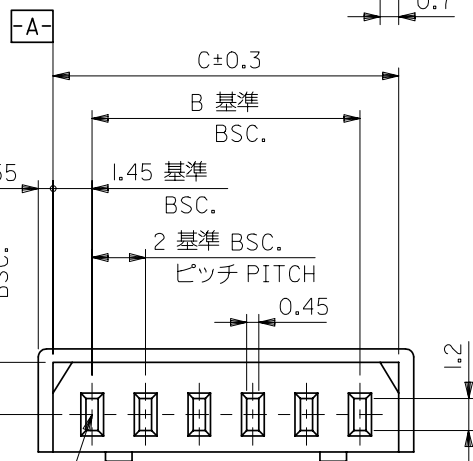
S51004.S01

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)



⊕ ⌀0.4 A B

- 注)
NOTE.
- 適合ターミナル: 50011-8*00
ACCEPTS TERMINAL
 - 嵌合相手: 53014-**-10
MATES WITH 53015-**-10
53025-**-10

2極の場合
IN CASE OF 2 CIRCUIT HSG.

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

EC NO. DRWN: CHK: APPR:				EC NO. DRWN: CHK: APPR:				EC NO. DRWN: CHK: APPR:				EC NO. DRWN: CHK: APPR:				REDRAWN EC NO. JC2000-0629 DRWN: K.KOHAMA '00/ 3/28 CHK: T.YAMAGUCHI '00/ 3/30 APPR: M.FUKUSHIMA '00/ 3/30	DESCRIPTION	MATERIAL 材料 PBT. UL94V-O POLYESTER UL94V-O				GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差				SCALE 5:1	DESIGN UNITS ☒ mm ☐ INCH		THIRD ANGLE PROJECTION		☐ mm INCH ☐ INCH mm ☒ mm ONLY	REVISE ON CAD ONLY	
																		10 UNDER 未満		±0.2	DRAWN BY & DATE K.KOHAMA '00/ 3/28		TITLE: 2.0 LOW-PRO REC. HSG.										
																		10 OVER 30 UNDER 以上 未満		±0.25	CHECKED BY & DATE T.YAMAGUCHI '00/ 3/30												
																		30 OVER 以上		±0.3	APPROVED BY & DATE M.FUKUSHIMA '00/ 3/30		MOLEX MOLEX INCORPORATED										
																		WIRE RANGE 適用電線範囲		//		ANGLE 角度									±3°	CAD FILENAME S51004.S01	
												G				REV	INS. RANGE 被覆外径				//		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.								SIZE B		

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EN-02J(097) MXJ-54