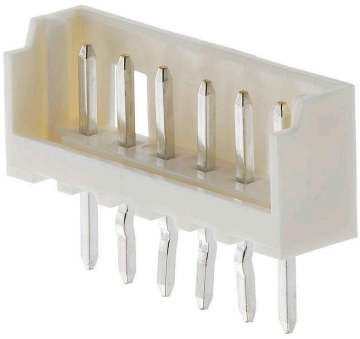
产品编号 ： 532531070

Product Description ： 2.00mm Pitch, Micro-Latch PCB Header, Single Row, Vertical, Through Hole, Tin (Sn) Plating, 10 Circuits, Tray, 3.50mm PC Tail Length

系列号 ： 53253

状态 ： Active

Product Category ： PCB Headers and Receptacles



文件和资源

图纸

图纸　532531070_sd.pdf

3D 模型和设计文件

2D 图纸 DXF　532531070.dxf

2D 图纸 DXF PDF　532531070.pdf

3D模型　532531070_stp.zip

规格

包装规格　SPK-53253-001-001.pdf

产品规格　510650000-PS-000.pdf

产品规格　510651000-PS-000.pdf

产物环境合规

合规

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

多部分产品合规性声明

- Eu RoHS
- REACH SVHC

- Low-Halogen

多部分行业合规性文件

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

欧盟 RoHS 合格证书

产品详情

常规

状态	活动
类别	PCB Headers and Receptacles
系列	53253
说明	2.00mm Pitch, Micro-Latch PCB Header, Single Row, Vertical, Through Hole, Tin (Sn) Plating, 10 Circuits, Tray, 3.50mm PC Tail Length
应用	Signal, Wire-to-Board
元件类型	PCB Header
产品系列	Micro-Latch Wire-to-Board Connector System
产品名称	Micro-Latch
UPC	756054354087

机构

UL	E29179

电气

每触点最大电流	2.0A
电压 - 最大	125V

物理

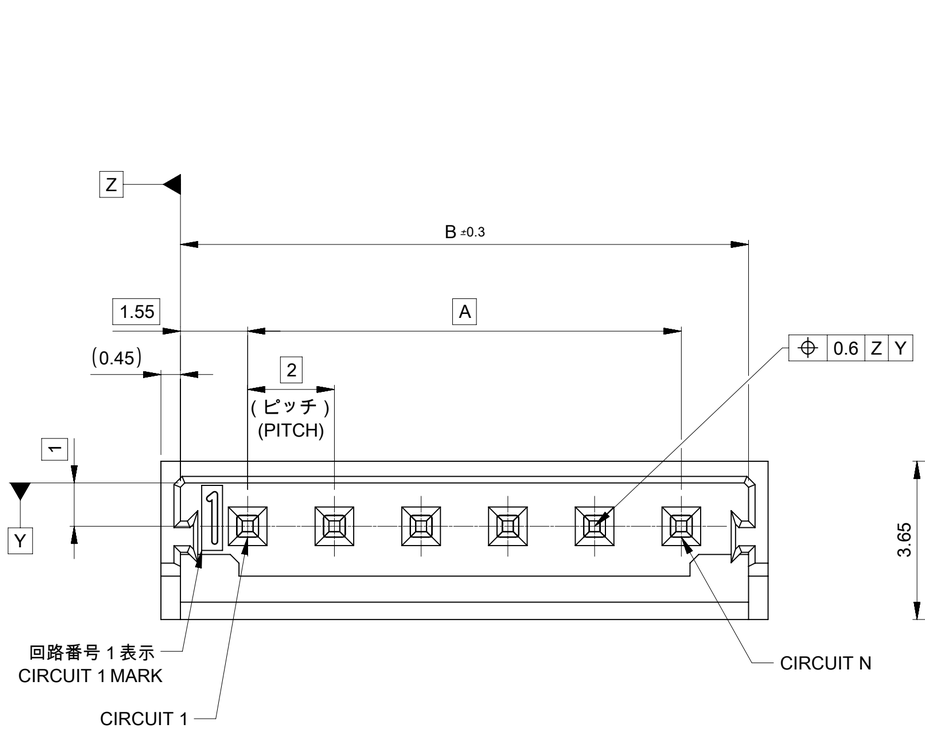
断开	否
回路数（已载入）	10
电路数（最多）	10

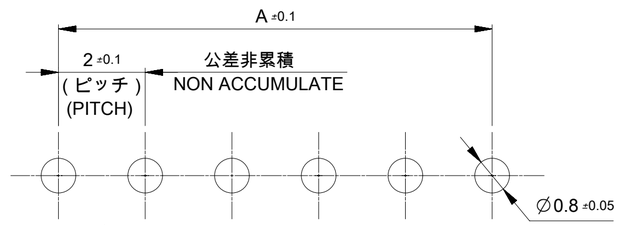
颜色-树脂	Natural
耐用性(插拔次数) - 最多次数	30
先接后断	否
符合灼热丝规范	否
锁定插接部位	是
材料 - 金属	Brass
材料 - 接合部位电镀	Tin
材料 - 终端电镀	Tin
材料 - 树脂	Nylon
净重	381.000/mg
行数	1
方向	垂直
包装形式	Tray
PC 焊脚长度	3.50mm
PCB 定位器	否
PCB 保持力	是
推荐的 PCB 厚度	1.60mm
间距 - 插配接口	2.00mm
最薄镀层 - 接合部位	1.016µm
最薄镀层 - 端接	1.016µm
有极性的插配件	是
PCB 极性	否
有护墙的	Partial
可堆叠的	否
运行温度范围	-55° to +105° C
终端界面类型	Through Hole

可配插/可连接使用的产品

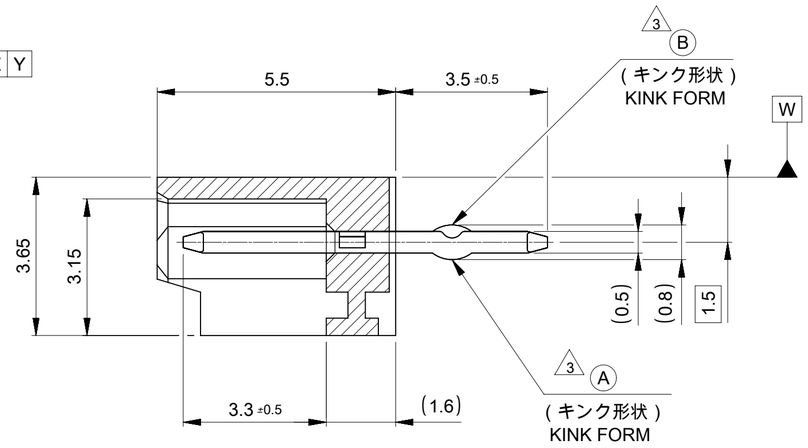
可配插部件

描述	产品编号
Micro-Latch Single Row Receptacle Housings	51065





5 基板取付穴寸法 (参考) (t = 1.6)
RECOMMENDED P.C. BOARD HOLE DIMENSION (REFERENCE)

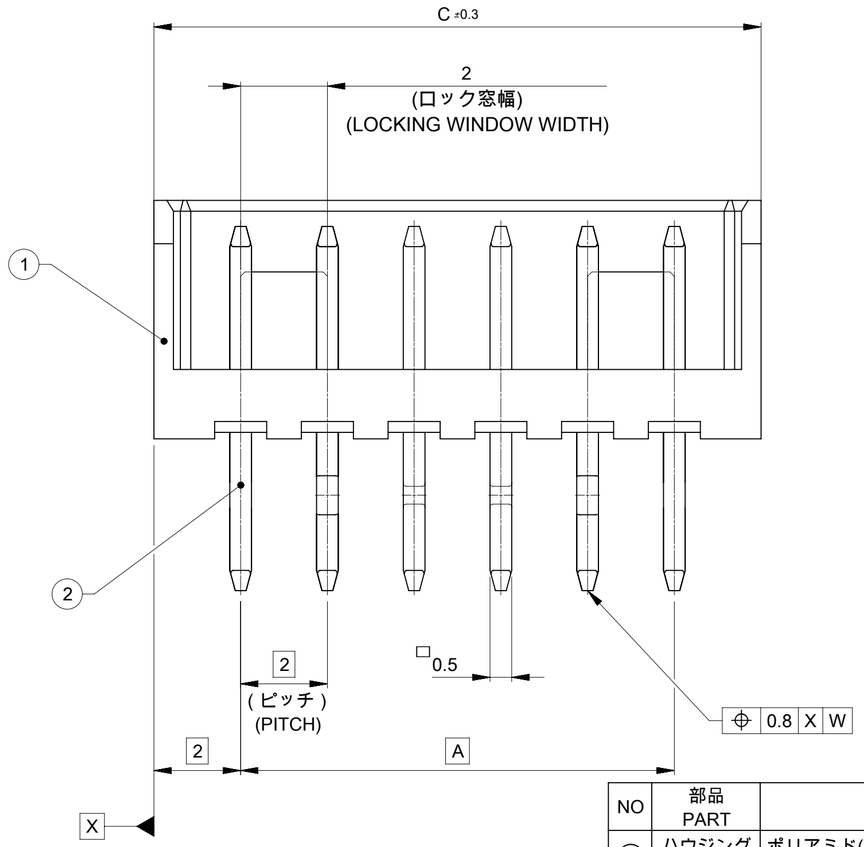


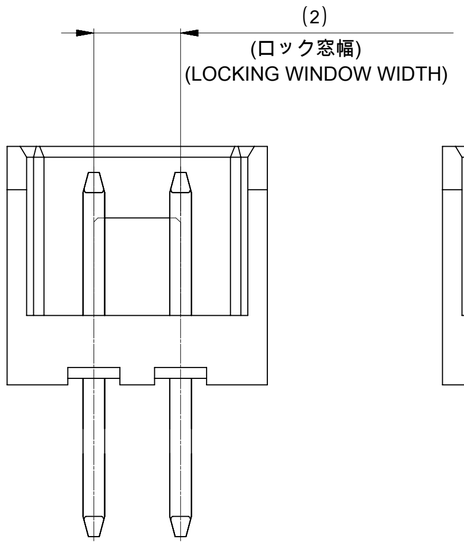
NOTES

1. 材料及び仕上げ (めっき仕様) : TABLE 1参照
   MATERIAL AND FINISHES: SEE TABLE 1
2. 適用製品及び各種仕様書はSHEET 2 をご参考ください。
   PLEASE REFER TO SHEET 2 FOR APPLICABLE PRODUCTS AND VARIOUS SPECIFICATIONS.
3. キンクは下記表の位置及び形状に付加のこと。 2 極はキンク無し。
   KINK TO BE APPLIED AS FOLLOWS, 2 CIRCUIT HAS NO KINK.

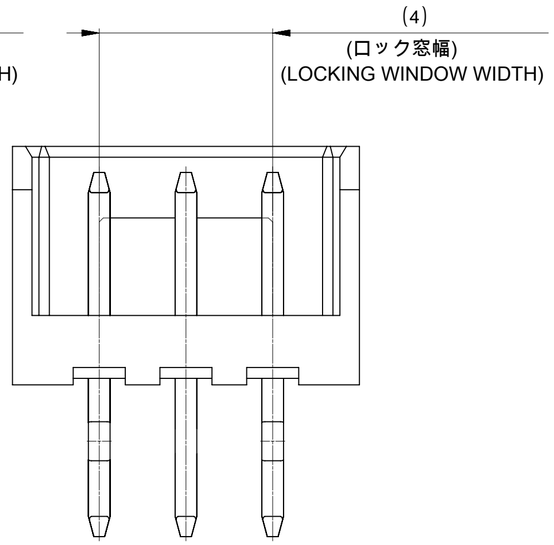
極数 CKT		回路番号 CIRCUIT NO							
		1	2	3	4	5	N-2	N-1	N
6極以上 MORE THAN 6 CKT		–	A	B	–	–	B	A	–
5極	5CKT	A	B	–	B	A			
4極	4CKT	A	B	B	A				
3極	3CKT	A	B	A					

4. 本製品は錫めっき品です。金めっきは5026030000-SD/PSD/000を御参照ください。
   THIS PRODUCT IS A TIN PLATING, PLEASE REFER TO 5026030000-SD/PSD/000 FOR GOLD PLATING.
5. PART-PCB間の実装には極性がありません :
   極数番号は記載していません。
   PART-TO-PCB MOUNTING IS NOT POLARIZED:
   NO CIRCUIT NUMBERING IS REQUIRED.





2極の場合
FOR 2 CKT



3極の場合
FOR 3 CKT

32	31.1	28	532531570	15
30	29.1	26	532531470	14
28	27.1	24	532531370	13
26	25.1	22	532531270	12
24	23.1	20	532531170	11
22	21.1	18	532531070	10
20	19.1	16	532530970	9
18	17.1	14	532530870	8
16	15.1	12	532530770	7
14	13.1	10	532530670	6
12	11.1	8	532530570	5
10	9.1	6	532530470	4
8	7.1	4	532530370	3
6	5.1	2	532530270	2
C	B	A	トレー TRAY	極数 CKT
			材料番号 MATERIAL NO	

1 TABLE 1

NO	部品 PART	材質 MATERIAL	
①	ハウジング HOUSING	ポリアミド(PA)、UL94V-0、 色: ナチュラル (ベージュ) POLYAMIDE(PA), UL94V-0, COLOR: NATURAL (BEIGE)	
②	ターミナル TERMINAL	黄銅 BRASS	
		下地めっき UNDER PLATING	ニッケルめっき : 0.5 micro-meters MIN NICKEL PLATING: 0.5 micro-meters MIN
		めっき PLATING	錫めっき : 1.0 micro-meter MIN リフロー処理 (前めっき) MATTE TIN: 1.0 micro-meter MIN REFLOW TREATMENT (PRE-PLATING)

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REDRAWN AND REVISED

EC NO: 636761
DRWN: HHUSSIN 2019/09/24
CHK'D: SAKIYAMA 2020/04/30
APPR: KOMURAKAMI 2020/05/01

INITIAL REVISION:
DRWN: HHUSSIN 2019/09/24
APPR: KOMURAKAMI 2020/05/01

THIRD ANGLE PROJECTION | DRAWING: A2-SIZE | SERIES: 53253

molex

MICRO-LATCH 2.0 WTB
VERTICAL HEADER ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
532530000-SD	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/05/01 01:51:29

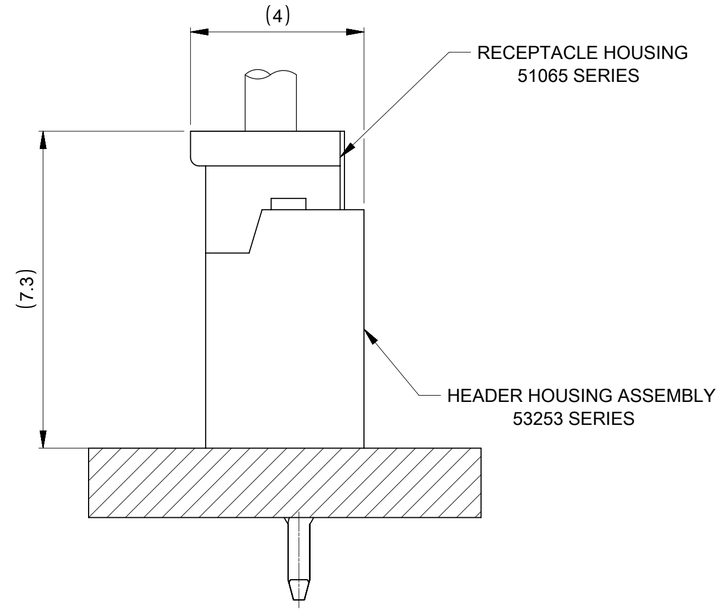
FORMAT: master-tb-prod-A2
REVISION: J
DATE: 2020/01/14

△2 適用製品及び各種仕様書
APPLICABLE PRODUCTS AND VARIOUS SPECIFICATIONS

	PART NUMBER	SPECIFICATION NUMBER
梱包仕様書 PACKING SPECIFICATION	53253**70	SPK-53253-001

適用ハウジング APPLICABLE HOUSING	SINGLE TYPE
シリーズ番号　SERIES NO	51065
製品仕様書 PRODUCT SPECIFICATION	510650000-PS/PS/000

	PART NUMBER	PLATING TYPE	WIRE SIZE (AWG)
適用端子 APPLICABLE TERMINAL	502128*00	TIN	#24-30
	503728*00		#22-26



51065シリーズ/53253シリーズ　嵌合状態図　参考
51065 SERIES/ 53253 SERIES MATED DRAWING (REF)

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mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

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2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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DRWN: HHUSSIN 2019/09/24
APPR: KOMURAKAMI 2020/05/01

THIRD ANGLE PROJECTION

DRAWING	SERIES
A2-SIZE	53253

molex

MICRO-LATCH 2.0 WTB
VERTICAL HEADER ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
532530000-SD	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/05/01 01:51:29

FORMAT: master-tb-prod-A2
REVISION: J
DATE: 2020/01/14