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Part Number: [0532530780](#)
Status: **Active**
Overview: [microlatch](#)
Description: 2.00mm (.079") Pitch Micro-Latch™ Wire-to-Board Header, Vertical, Square Pin, Three-sided Shroud, Lead-free, 7 Circuits, PC Tail Length 2.30mm (.091")

Documents:

[3D Model](#) [Product Specification PS-51065-016 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

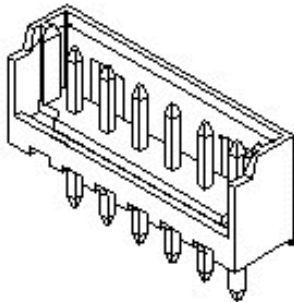
CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [53253](#)
Application Wire-to-Board
Overview [microlatch](#)
Product Name Micro-Latch™

Physical

Breakaway No
Circuits (Loaded) 7
Durability (mating cycles max) 30
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part Yes
Mated Height (in) 0.287 In
Mated Height (mm) 7.30 mm
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon
Number of Rows 1
Orientation Vertical
PC Tail Length (in) 0.091 In
PC Tail Length (mm) 2.30 mm
PCB Locator No
PCB Retention Yes
PCB Thickness Recommended (in) 0.040 In
PCB Thickness Recommended (mm) 1.00 mm
Packaging Type Tray
Pitch - Mating Interface (in) 0.079 In
Pitch - Mating Interface (mm) 2.00 mm
Plating min: Mating (µin) 40
Plating min: Mating (µm) 1.00
Plating min: Termination (µin) 40
Plating min: Termination (µm) 1.00
Polarized to Mating Part Yes
Polarized to PCB No
Shrouded Partial
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +105°C



Series

image - Reference only

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

[53253Series](#)

Mates With

[51065](#) Crimp Housing. [50212](#) Crimp
Terminal

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

2A

Voltage - Maximum

125V

Material Info

Reference - Drawing Numbers

Product Specification

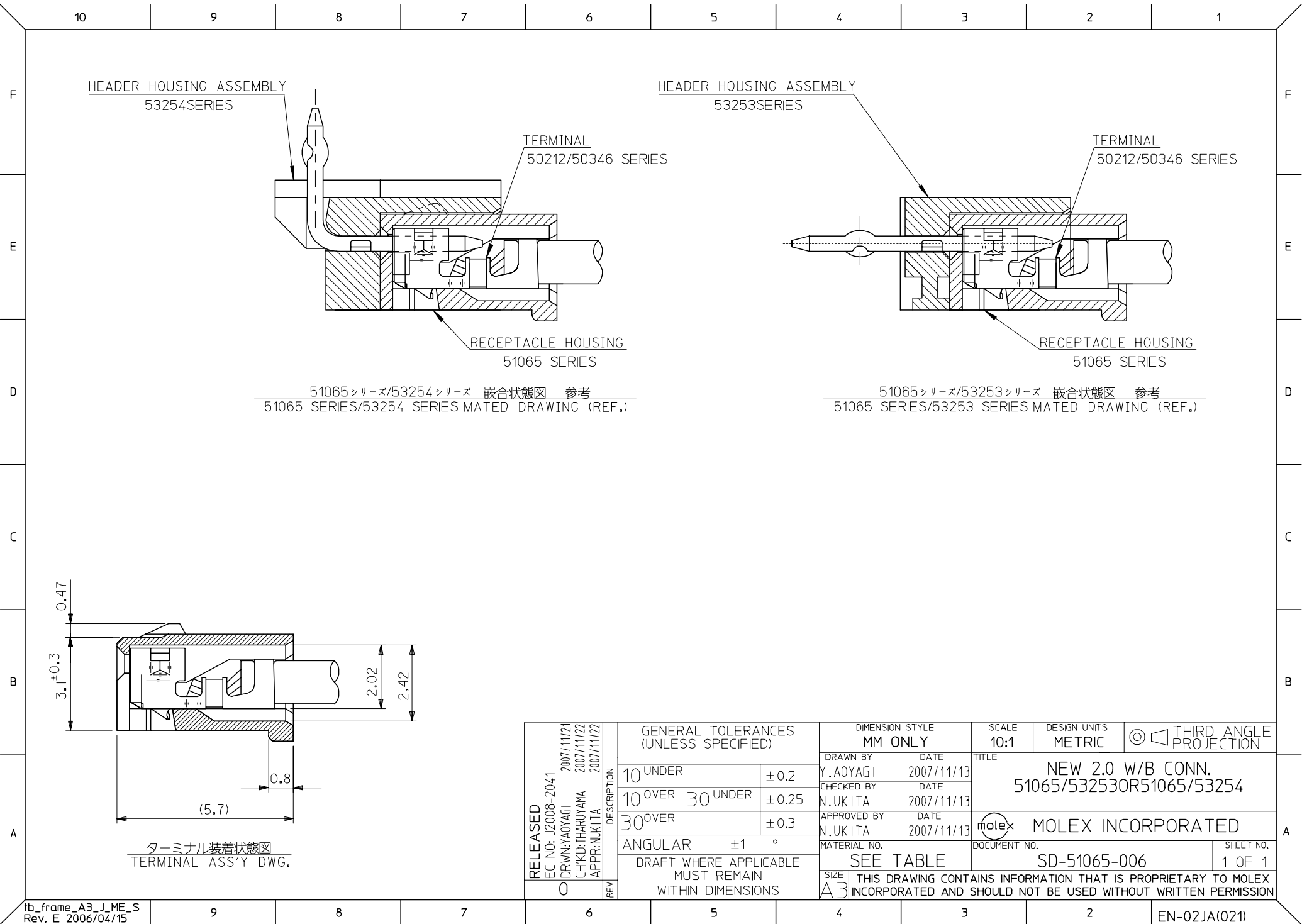
PS-51065-016, RPS-51065-026, RPS-51065-030

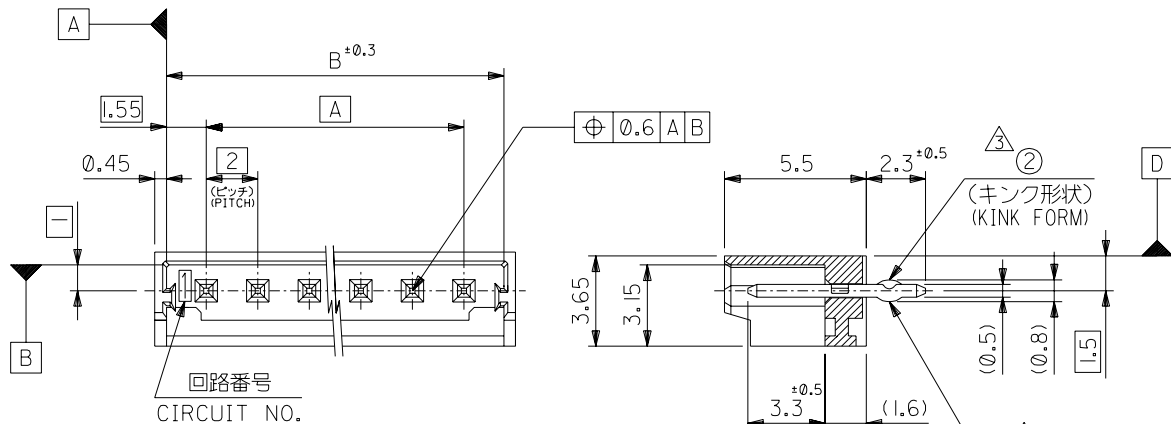
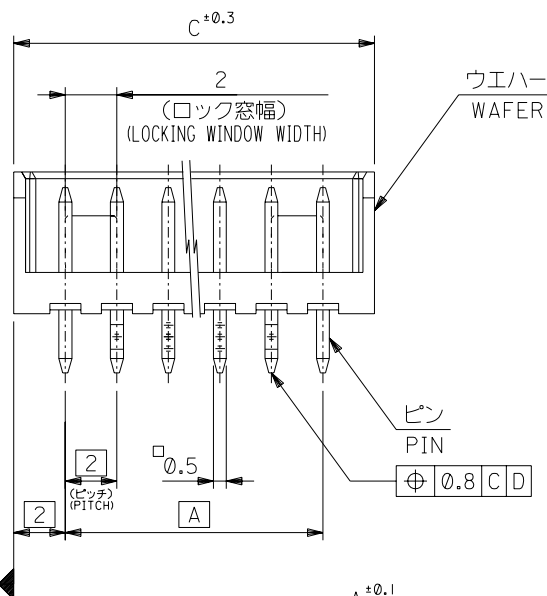
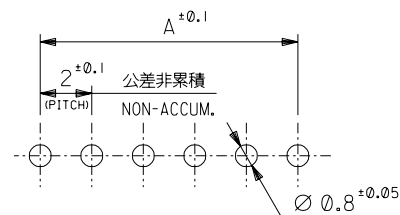
Sales Drawing

SD-51065-006, SD-53253-003

This document was generated on 06/07/2010

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回路番号
CIRCUI T NO.2極の場合
IN CASE OF 2 CIRCUIT WAFER3極の場合
IN CASE OF 3 CIRCUIT WAFER基板取付穴寸法 (参考) (t=1.0)
RECOMMENDED P.C. BOARD HOLE DIM. (REFERENCE)

注記 NOTES

1. 嵌合相手: 51065 シリーズ
MATE WITH : 51065 SERIES
2. 材質
MATERIAL

ウエハー: 66ナイロン、UL94V-0
WAFER: 66NYLON, UL94V-0
ピン: 黄銅、スズメッキ
PIN: BRASS, TIN

3. キंकは下記表の位置及び形状に付加のこと。2極はキंक無し。
KINK TO BE APPLIED AS FOLLOWS, 2 CIRCUIT HAS NO KINK.

極数 CKT	回路番号 CKT NO.	1	2	3	4	5	N-2	N-1	N
6 極以上	MORE THAN 6 CKT	—	①	②	—	—	②	①	—
5 極	5 CKT	①	②	—	②	①	—	—	—
4 極	4 CKT	①	②	②	①	—	—	—	—
3 極	3 CKT	①	②	①	—	—	—	—	—

4. 本製品は 53253-***20 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53253-***20.

32	31.1	28	53253-1580	15
30	29.1	26	4 -1480	14
28	27.1	24	-1380	13
26	25.1	22	-1280	12
24	23.1	20	-1180	11
22	21.1	18	-1080	10
20	19.1	16	-0980	9
18	17.1	14	-0880	8
16	15.1	12	-0780	7
14	13.1	10	-0680	6
12	11.1	8	-0580	5
10	9.1	6	-0480	4
8	7.1	4	-0380	3
6	5.1	2	53253-0280	2
MODEL NO.	C	B	A	CKT. 極数

角度 ANGLE	±3°	材料 MATERIAL	注記参照 SEE NOTES	材料 MATERIAL	MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社
30 以上 OVER	±0.3	仕上げ FINISH	—	REVISION ONLY ON CAD SYSTEM	
10 以上 OVER 30 未満 UNDER	±0.25	適用電線範囲 WIRE RANGE	—	TITLE 名称	NEW 2.0 WIRE TO BOARD CONN.
10 未満 UNDER	±0.2	被覆外径 INS. RANGE	—	WAFA ASS'Y (ST.)	-LEAD FREE-
一般公差 GENERAL TOLERANCES	0	新規作成 RELEASED (J2004-4687)	M.N. M.S. 04/06/11	DRAWN BY 04/06/11 M.NABEI	CHK'D BY 04/06/11 K.TOJO
記号 LTR	REVISION RECORD	DR. CHK.	日付 DATE	APP'D BY 04/06/11 M.SASAO	尺度 SCALE 5 : 1
				DWG. NO.	SD-53253-003
				REV	0