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Part Number:

0532530970

Status:

Active

Overview:

microlatch

Description:

2.00mm (.079") Pitch Micro-Latch™ Wire-to-Board Header, Vertical, Square Pin, Three-sided Shroud, Lead-free, 9 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-51065-016 (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)

9

Durability (mating cycles max)

30

First Mate / Last Break

No

Flammability

94V-0

Glow-Wire Compliant

No

Lock to Mating Part

Yes

Material - Metal

Brass

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Nylon

Number of Rows

1

Orientation

Vertical

PC Tail Length (in)

0.138 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

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)

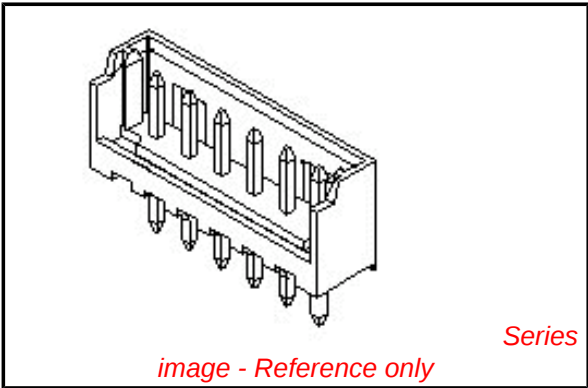
No

Temperature Range - Operating

-40°C to +105°C

Termination Interface: Style

Through Hole



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

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

53253Series

Mates With

51065 Crimp Housing. 50212 Crimp Terminal

Electrical

Current - Maximum per Contact	2A
Voltage - Maximum	125V

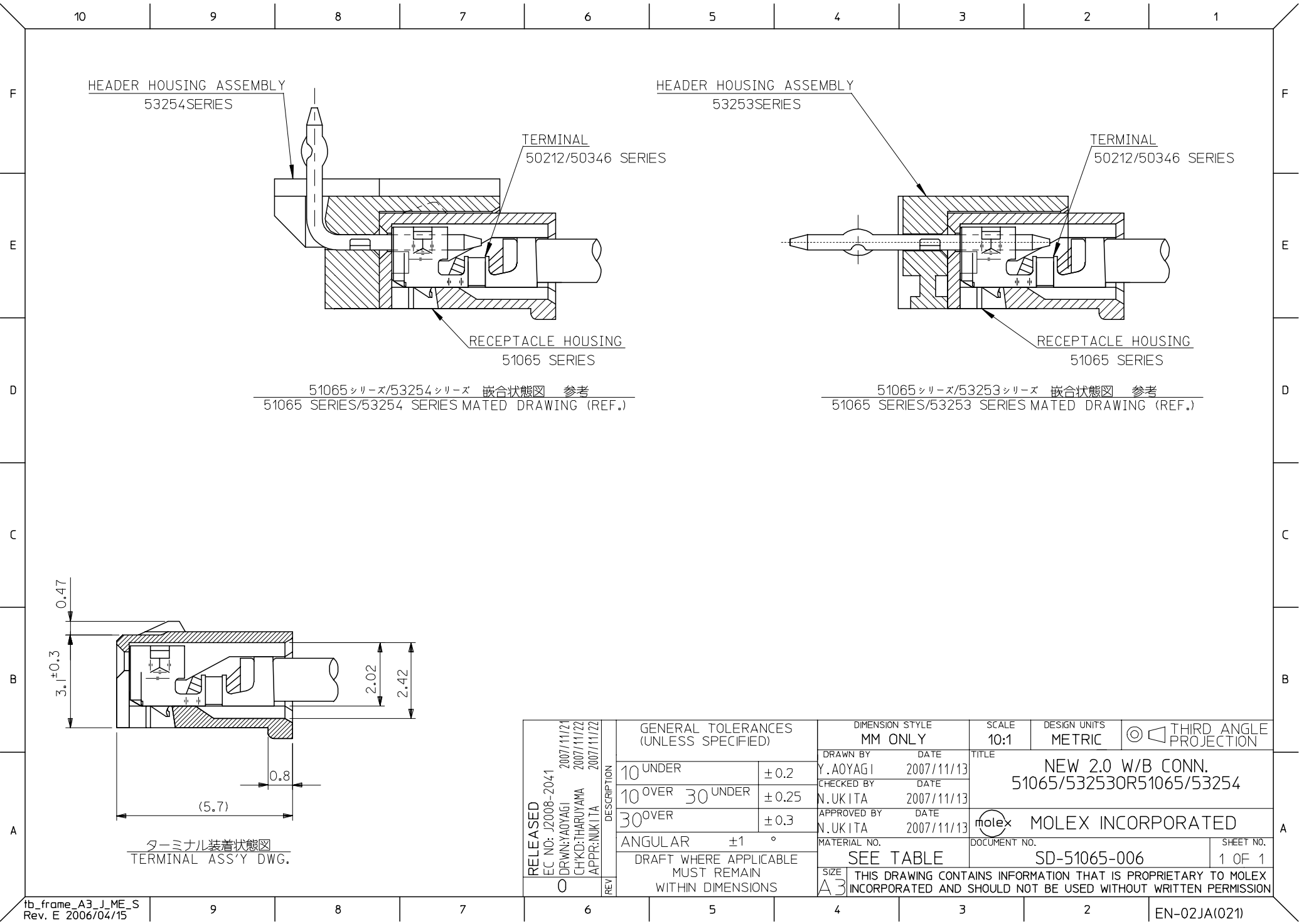
Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-53253-001
Product Specification	PS-51065-016, RPS-51065-001, RPS-51065-006, RPS-51065-007, RPS-51065-013, RPS-51065-015, RPS-51065-023, RPS-51065-026, RPS-51065-027, RPS-51065-028, RPS-51065-030
Sales Drawing	SD-51065-006, SD-53253-001

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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
WAFA: 66NYLON, UL94V-0
ピン: 黄銅, 錫メッキ
PIN: BRASS, TIN(Sn) PLATING

△ キングは下記表の位置及び形状に付加のこと。2極はキング無し。
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-**10の鉛フリー品です。
THIS PRODUCT IS LEAD FREE OF 53253-**10.

5. 梱包仕様 PACKAGING
53253-**70 トレー TRAY
53253-**50 ポリ袋 POLYBAG

32	31.1	28	53253-1550	53253-1570	15
30	29.1	26	-1450	-1470	14
28	27.1	24	-1350	-1370	13
26	25.1	22	-1250	-1270	12
24	23.1	20	-1150	-1170	11
22	21.1	18	-1050	-1070	10
20	19.1	16	-0950	-0970	9
18	17.1	14	-0850	-0870	8
16	15.1	12	-0750	-0770	7
14	13.1	10	-0650	-0670	6
12	11.1	8	-0550	-0570	5
10	9.1	6	-0450	-0470	4
8	7.1	4	-0350	-0370	3
6	5.1	2	53253-0250	53253-0270	2
C	B	A	MATERIAL NO.	MATERIAL NO.	極数

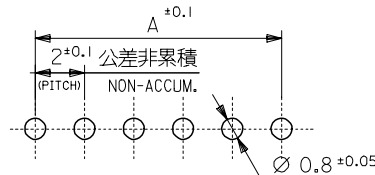
MODEL NO. 53253-**70/**50
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION

NEW 2.0 WIRE TO BOARD
CONN. WAFER ASSY (ST.)
-LEAD FREE-

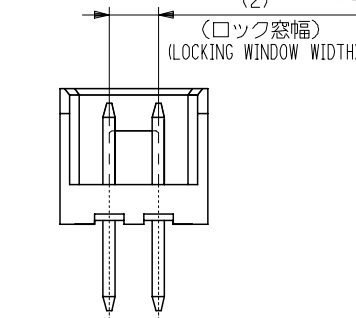
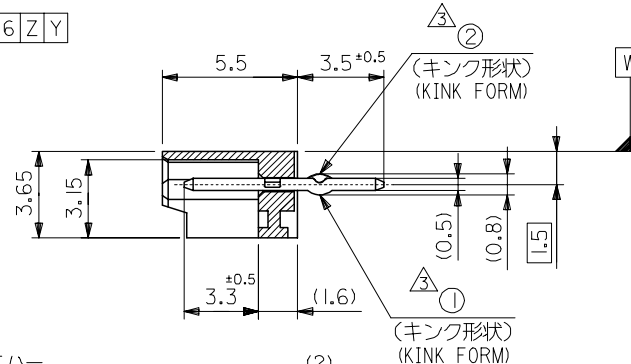
MOLEX INCORPORATED

MATERIAL NO. DOCUMENT NO. SD-53253-001 SHEET NO. 1 OF 1

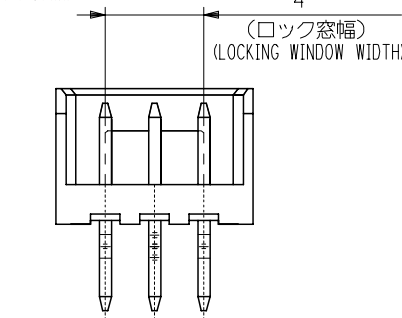
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基板取付穴寸法 (参考) (t=1.6)
RECOMMENDED P.C. BOARD HOLE DIM. (REFERENCE)



2極の場合
IN CASE OF 2 CIRCUIT WAFER



3極の場合
IN CASE OF 3 CIRCUIT WAFER

