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Part Number:

0532540270

Status:

Active

Overview:

microlatch

Description:

2.00mm (.079") Pitch Micro-Latch™ Wire-to-Board Header, Right Angle, Square Pin, Three-sided Shroud, Lead-free, 2 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

53254

Application

Wire-to-Board

MolexKits

Yes

Overview

microlatch

Product Name

Micro-Latch™

Physical

Breakaway

No

Circuits (Loaded)

2

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

Right Angle

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)

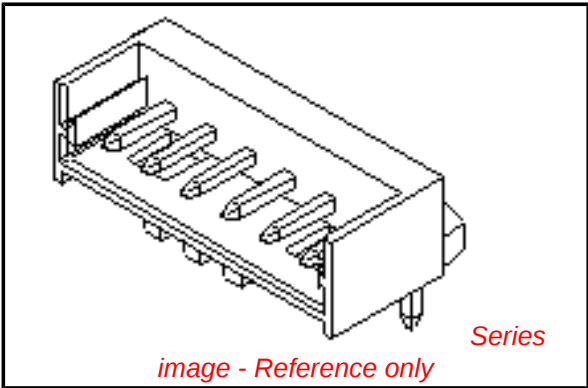
No

Temperature Range - Operating

-40°C to +105°C

Termination Interface: Style

Through Hole



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

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

53254Series

Mates With

51065 Crimp Housing. 50212 Crimp Terminal

Electrical

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

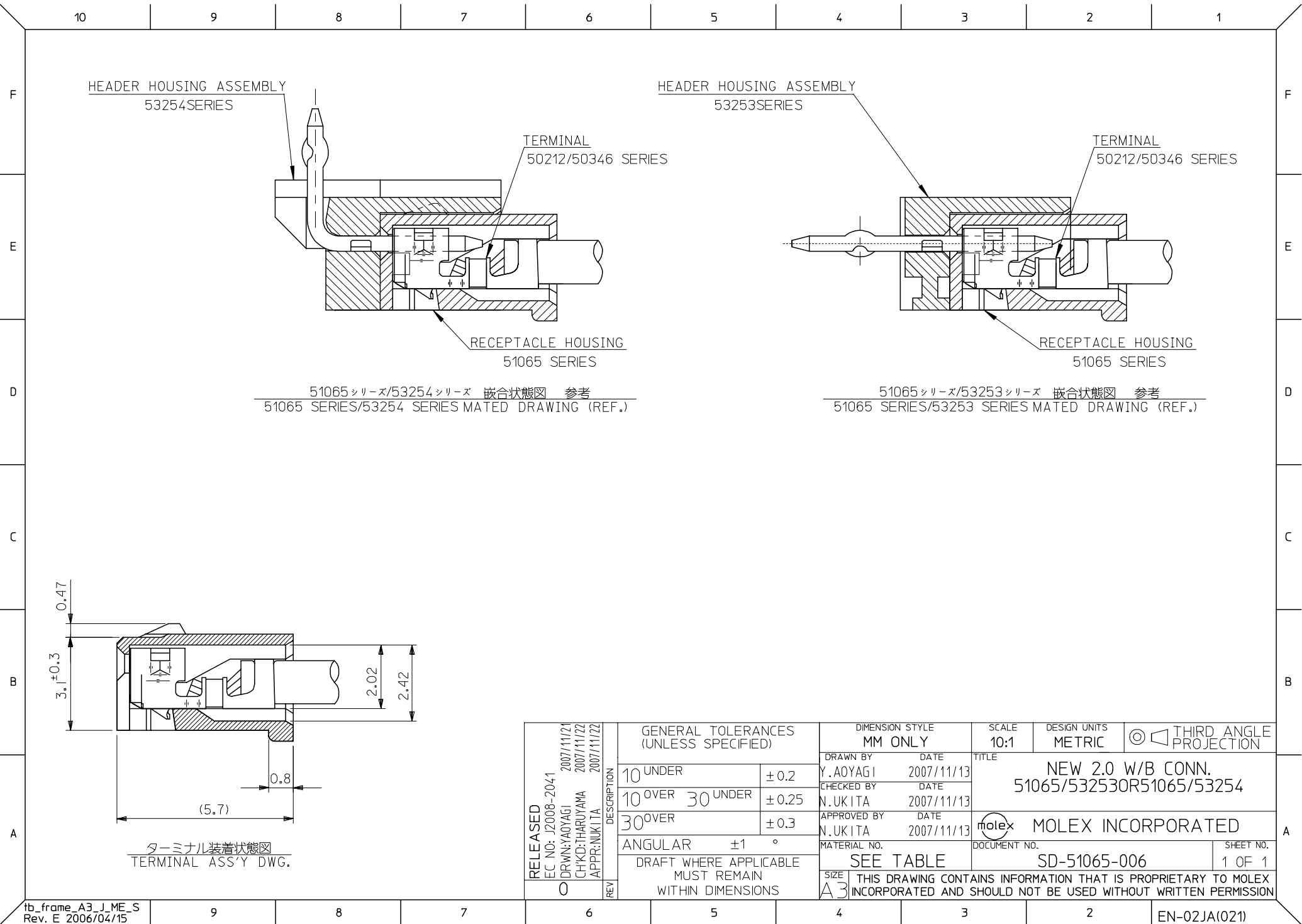
Material Info

Reference - Drawing Numbers

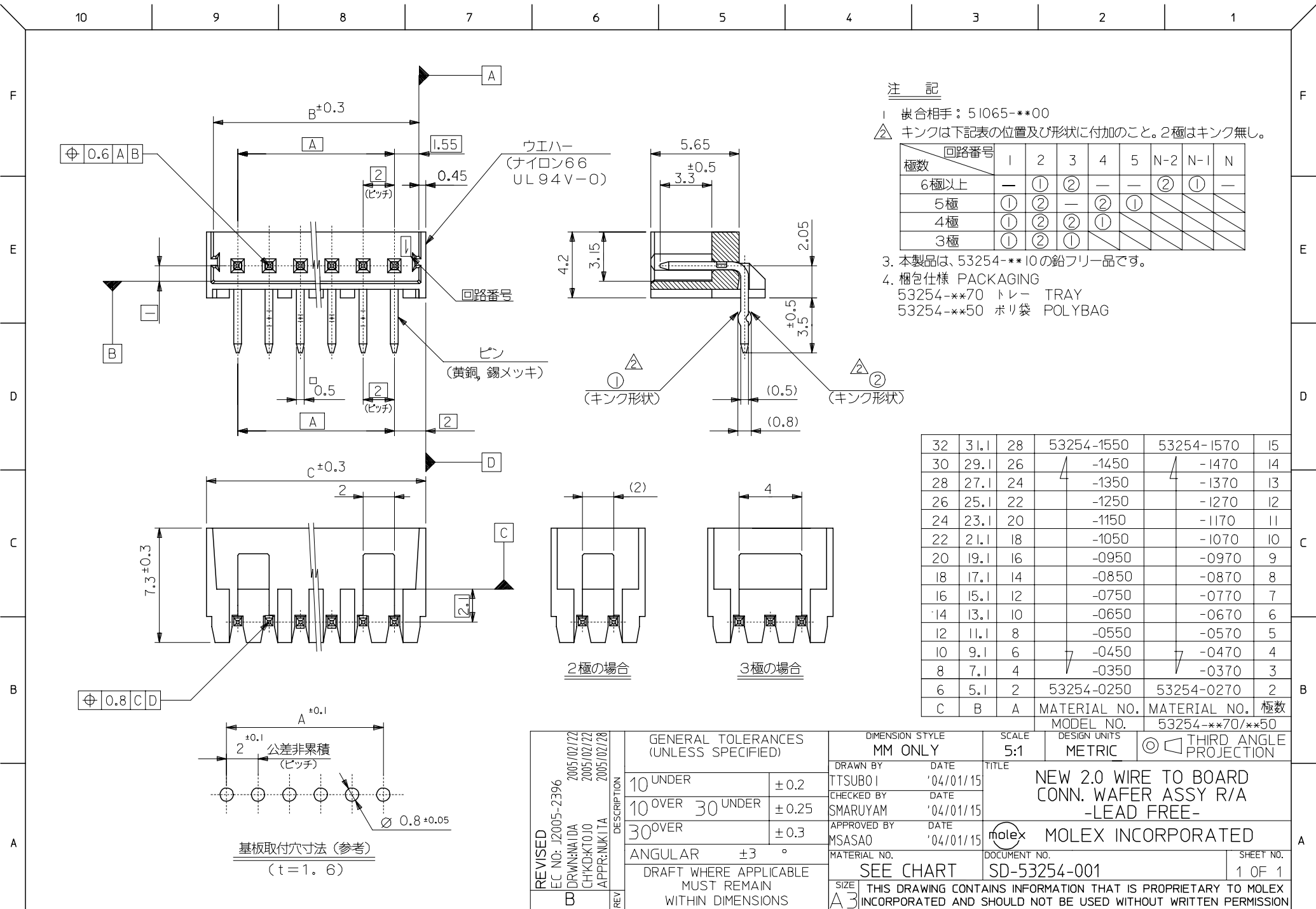
Packaging Specification	SPK-53254-001
Product Specification	PS-51065-016, RPS-51065-002, RPS-51065-006, RPS-51065-007, RPS-51065-013, RPS-51065-015, RPS-51065-021, RPS-51065-022, RPS-51065-025, RPS-51065-026
Sales Drawing	SD-51065-006, SD-53254-001

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RELEASED EC NO: J2008-2041 DRWN: AOYAGI 2007/11/21 CHKD: THARUYAMA 2007/11/22 APPR: NUKITA 2007/11/22 0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY Y. AOYAGI	DATE 2007/11/13	TITLE NEW 2.0 W/B CONN. 51065/53253OR51065/53254			
		10 OVER 30 UNDER	± 0.25	CHECKED BY N. UKITA	DATE 2007/11/13				
		30 OVER	± 0.3	APPROVED BY N. UKITA	DATE 2007/11/13	MOLEX INCORPORATED			
		ANGULAR	± 1 °	MATERIAL NO. SEE TABLE					
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



注 記

- 1 炭合相手: 51065-**00
△ 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。

回路番号	1	2	3	4	5	N-2	N-1	N
極数	1	2	3	4	5	6	7	8
6極以上	—	①	②	—	—	②	①	—
5極	①	②	—	②	①	—	—	—
4極	①	②	②	①	—	—	—	—
3極	①	②	①	—	—	—	—	—

3. 本製品は、53254-**10の鉛フリー品です。
4. 梱包仕様 PACKAGING
53254-**70 トレー TRAY
53254-**50 ポリ袋 POLYBAG

32	31.1	28	53254-1550	53254-1570	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	53254-0250	53254-0270	2
C	B	A	MATERIAL NO.	MATERIAL NO.	極数
			MODEL NO.	53254-**70/**50	

REVISED EC NO: J2005-2396 DRWN:NAIDA CHKD:KTOJO APPR:NUKITA REV B	DESCRIPTION 2005/02/22 2005/02/22 2005/02/28	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER ±0.2	TTSUBOI	DATE '04/01/15	NEW 2.0 WIRE TO BOARD CONN. WAFER ASSY R/A -LEAD FREE-				
		10 OVER 30 UNDER ±0.25	CHECKED BY SMARUYAM	DATE '04/01/15					
		30 OVER ±0.3	APPROVED BY MSASAO	DATE '04/01/15	MOLEX INCORPORATED				
		ANGULAR ±3 °	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-53254-001		1 OF 1	
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							