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Part Number: [0532541370](#)
Status: **Active**
Overview: [microlatch](#)
Description: 2.00mm (.079") Pitch Micro-Latch™ Wire-to-Board Header, Right Angle, Square Pin, Three-sided Shroud, Lead-free, 13 Circuits

Documents:

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

Agency Certification

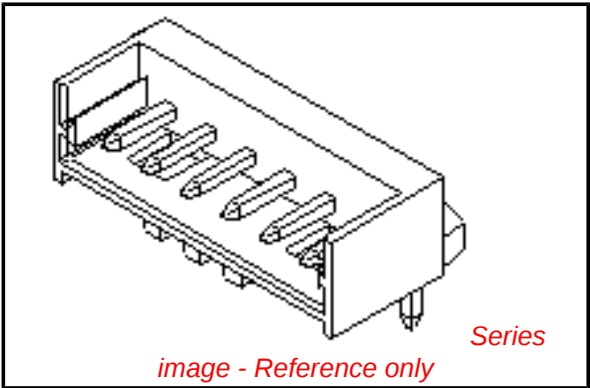
CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	53254
Application	Wire-to-Board
Overview	microlatch
Product Name	Micro-Latch™

Physical

Breakaway	No
Circuits (Loaded)	13
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
Contains SVHC: No**
**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

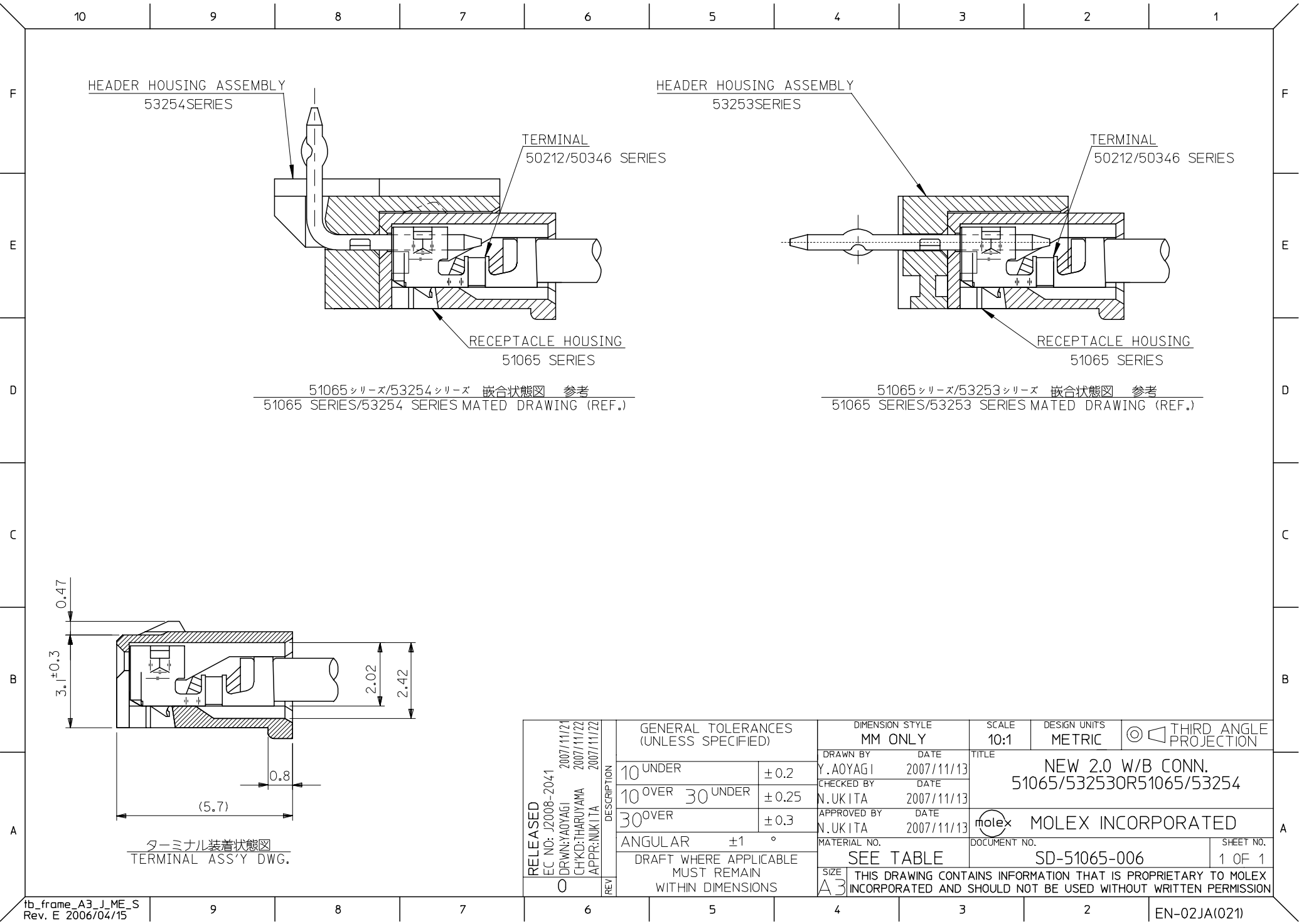
Material Info

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

This document was generated on 05/25/2010

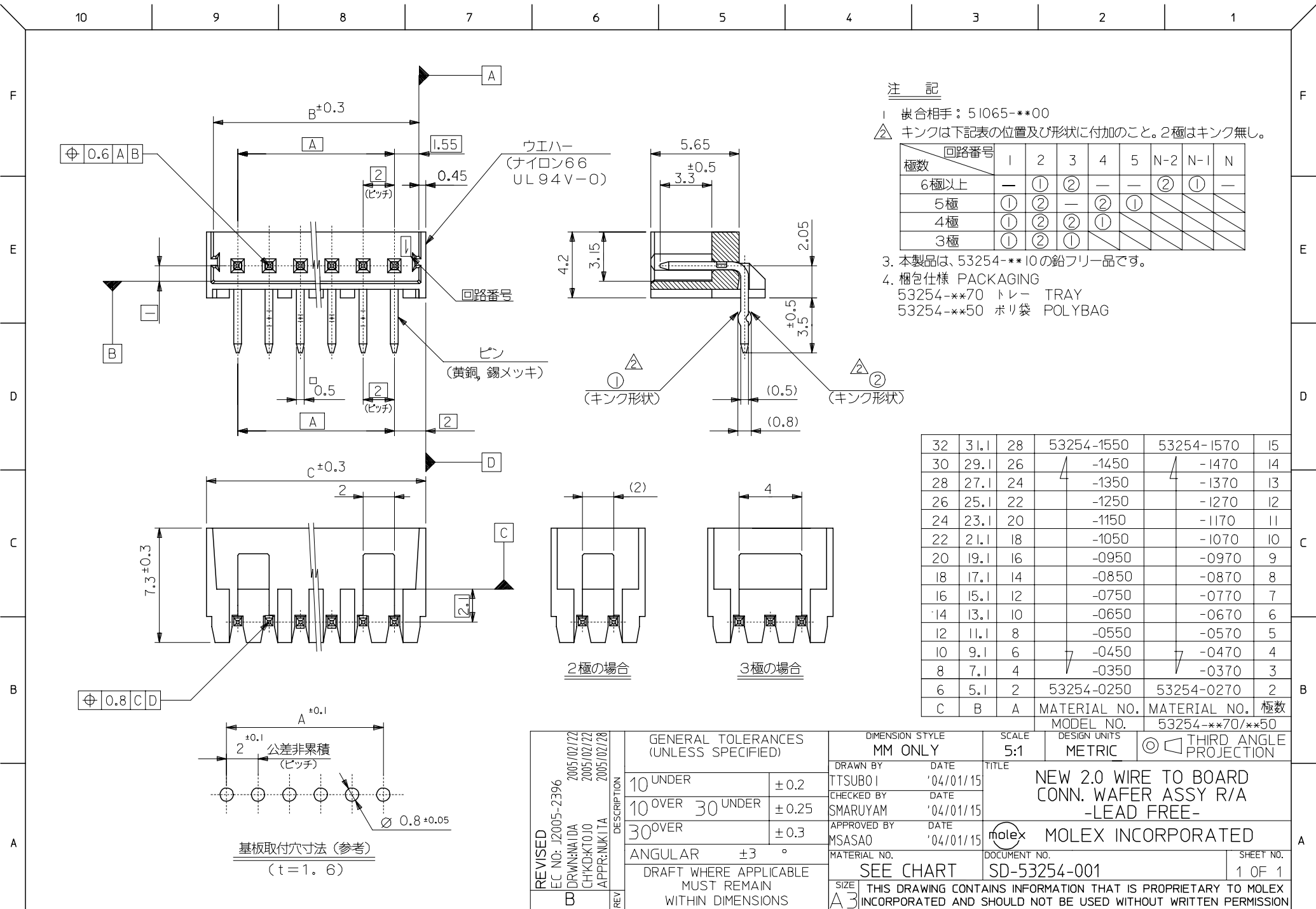
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51065 シリーズ/53254 シリーズ 嵌合状態図 参考
51065 SERIES/53254 SERIES MATED DRAWING (REF.)

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

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 MOLEX INCORPORATED				
		ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-51065-006		1 OF 1			
	REV	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								
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	DRAWN BY TTSUBOI	DATE '04/01/15	TITLE 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 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										