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Part Number: [0533643071](#)
Status: **Active**
Description: 0.80mm (.031") Pitch Board-to-Board Header, Surface Mount, Dual Row, Vertical, 6.00 and 7.00mm (.236 and .276") Stacking Heights, Lead-free, 30 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-52465-010 \(PDF\)](#)
[Product Specification PS-52588-032 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	53364
Application	Board-to-Board
Product Name	N/A

Physical

Breakaway	No
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height (in)	0.236 In, 0.276 In
Mated Height (mm)	6.00 mm, 7.00 mm
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.020 In
PC Tail Length (mm)	0.50 mm
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.031 In
Pitch - Mating Interface (mm)	0.80 mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-20°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V

Material Info

Reference - Drawing Numbers

Product Specification	PS-52465-010, PS-52588-032, RPS-52465-048
Sales Drawing	SD-53364-**71, SD-53364-003

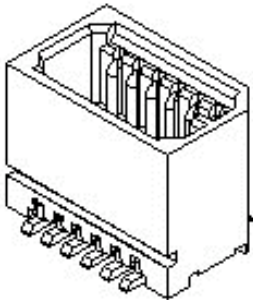


image - Reference only

Series

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](#)

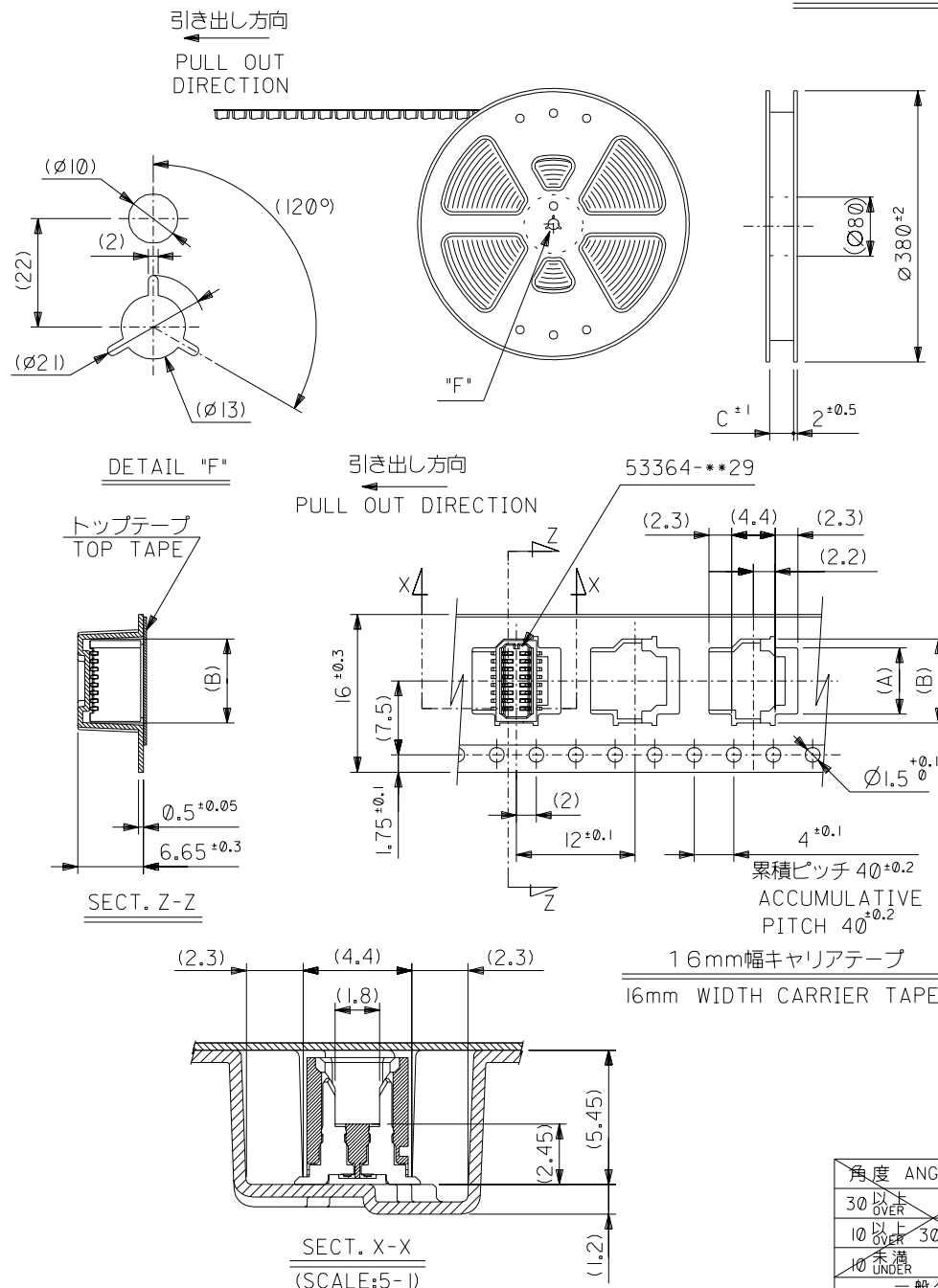
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[53364Series](#)

Mates With
[52465](#) PCB Receptacle. [52588](#) PCB Receptacle Floating Type

This document was generated on 04/16/2010

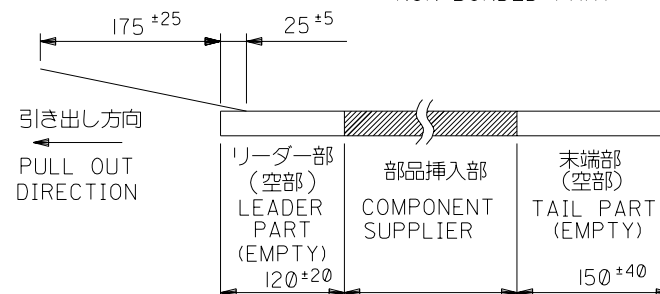
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注記 NOTES

1. 梱包数量: 1000個/リール NUMBER OF CONNECTORS: 1000PCS/REEL

2. リードテープ長さ LEAD TAPE LENGTH

トップテープ TOP TAPE
リーダー部 LEADER PARTトップテープ TOP TAPE
未接着部 NON-BONDED PART

3. トップテープの剥離強度: (剥離方向は下図参照)

0.1N ~ 1.3N (10gf ~ 130gf) 尚、本規格値は、出荷時に適用。

(但し、輸送時に剥離が発生しない事。)

PEELING OFF FORCE OF TOP TAPE

0.1N ~ 1.3N (10gf ~ 130gf) (PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)

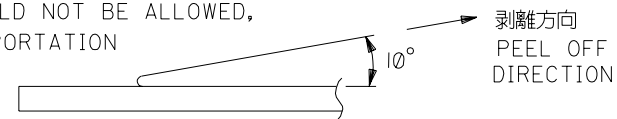
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT

PEEL OFF SHOULD NOT BE ALLOWED,

DURING TRANSPORTATION

引き出し方向
PULL OUT DIRECTION

PULL OUT DIRECTION



4. 材料

MATERIAL

キャリアテープ: ポリプロピレン (PP) CARRIER TAPE: POLYPROPYLENE

トップテープ: PET, PE, PEF TOP TAPE: PET, PE, PEF

リール: ポリスチレン (PS) REEL: POLYSTYRENE (PS)

<リサイクル材を含む>

<RECYCLE MATERIAL CONTAINED>

5. 本製品は 53364-**-91 の鉛フリー品である。

THIS PRODUCT IS LEAD FREE OF 53364-**-91.

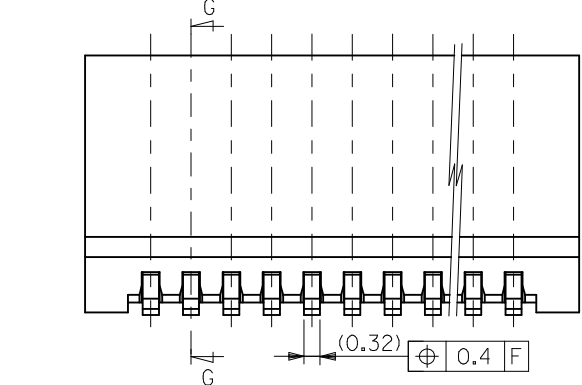
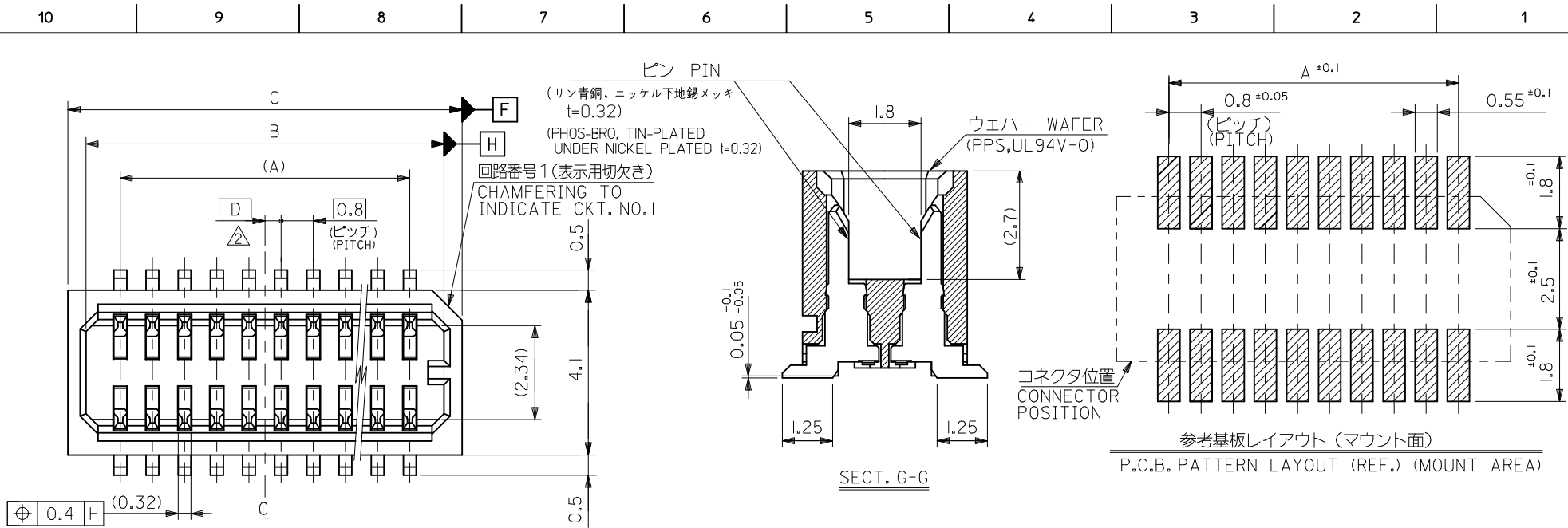
16	17.5	9.3	7.5	53364-1871	18
		6.9	5.1	53364-1271	12
		6.1	4.3	53364-1071	10
キャリアテープ幅 CARRIER TAPE WIDTH	C	(B)	(A)	MATERIAL. NO.	極数 CIRCUIT

角度 ANGLE	$\pm 30^\circ$
30 以上 OVER	± 0.3
10 以上 30 未満 UNDER	± 0.25
未満 UNDER	± 0.2
一般公差 GENERAL TOLERANCES	

記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE
0	新規作成 (J2004-1478) RELEASED	MN KT	03/12/11

材料 MATERIAL	注記参照 SEE NOTES
仕上げ FINISH	—#—
適用電線範囲 WIRE RANGE	—#—
被覆外径 INS. RANGE	—#—
DRAWN BY '03/12/11 M.NINOMIYA	CHK'D BY '03/12/11 K.TOJO
APP'D BY '03/12/11 M.SASAO	尺度 SCALE —#—

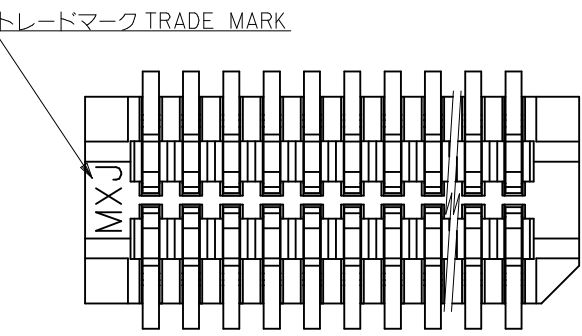
molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
REVISE ONLY ON CAD SYSTEM	
TITLE 名称 0.8 BtB Conn Wafer Assy ST SMT Without Boss Embstp Pkg -LEAD FREE-	
DWG. NO. (SHEET 1 OF 2) SD-53364-**-71	REV 0



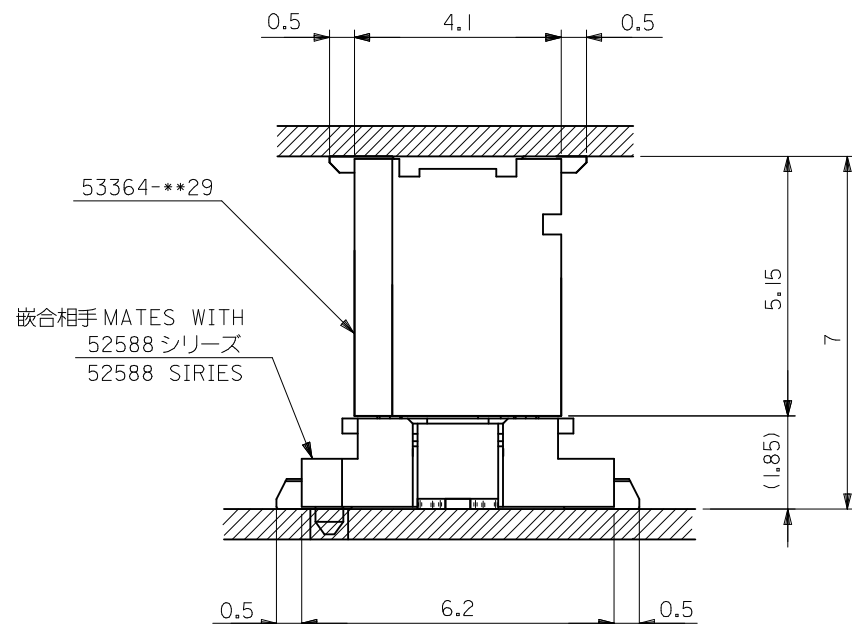
注記 NOTES

1. 嵌合相手: 52465, 52588 シリーズ
MATES WITH: 52465, 52588 SERIES
2. ウェハの ㊦ から隣接するピン の ㊦ 迄の位置を示す。
SHOW POSITION FROM ㊦ OF WAFER TO ㊦ OF ADJACENT PINS.
3. 本製品は 53364-**-27 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53364-**-27.

0.4	17.8	16.9	15.2	53364-4029	40
0.4	16.2	15.3	13.6	53364-3629	36
0.8	13.8	12.9	11.2	53364-3029	30
0.4	13.0	12.1	10.4	53364-2829	28
0.4	9.8	8.9	7.2	53364-2029	20
0.8	9.0	8.1	6.4	53364-1829	18
0.4	6.6	5.7	4.0	53364-1229	12
0.8	5.8	4.9	3.2	53364-1029	10
D	C	B	A	MATERIAL. NO.	極数 CKT.



REVISED EC NO: J2009-1121 DRWN: NAKAMURA CHKD: T. HARIYAMA APPR: NUKITA REV C	DESCRIPTION 2008/12/15 2008/12/15 2009/01/13	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY M. NINOMIYA	DATE '03/12/11	TITLE 0.8 BOARD TO BOARD CONN. WAFER ASSY ST. SMT -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY K. TOJO	DATE '03/12/11					
		30 OVER	±0.3	APPROVED BY M. SASAO	DATE '03/12/11	MOLEX MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-53364-003		1 OF 2		
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



REVISED EC NO: J2009-1121 DRAWN: NAKAMURA 2008/12/15 CHK'D: T. HARUYAMA 2008/12/15 APPR: NUKITA 2009/01/13	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY M. NINOMIYA	DATE '03/12/11	TITLE 0.8 BOARD TO BOARD CONN. WAFER ASSY ST. SMT -LEAD FREE-				
		10 OVER 30 UNDER	± ---	CHECKED BY K. TOJO	DATE '03/12/11					
		30 OVER	± ---	APPROVED BY M. SASAO	DATE '03/12/11					
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-53364-003		2 OF 2			
REV		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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