

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0533641871](#)
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, 18 Circuits

Documents:

3D Model	Product Specification PS-52588-032 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-52465-010 (PDF)	

General

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

Physical

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
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 - 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

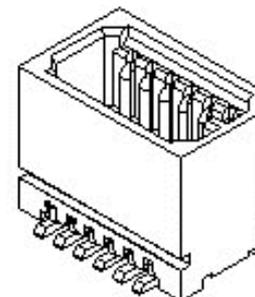
Electrical

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



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

53364Series

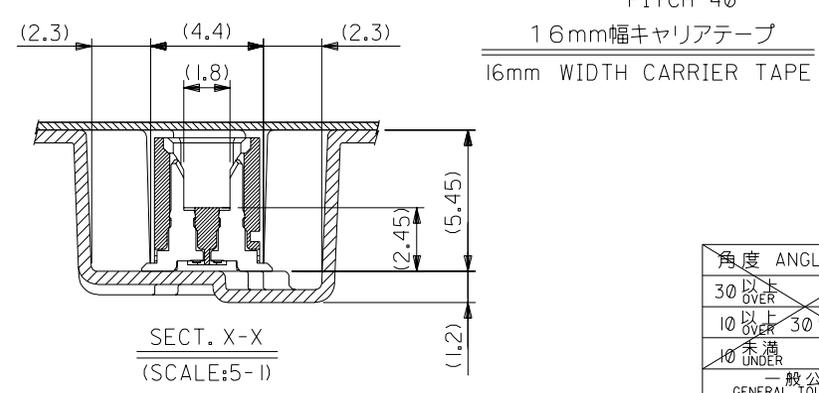
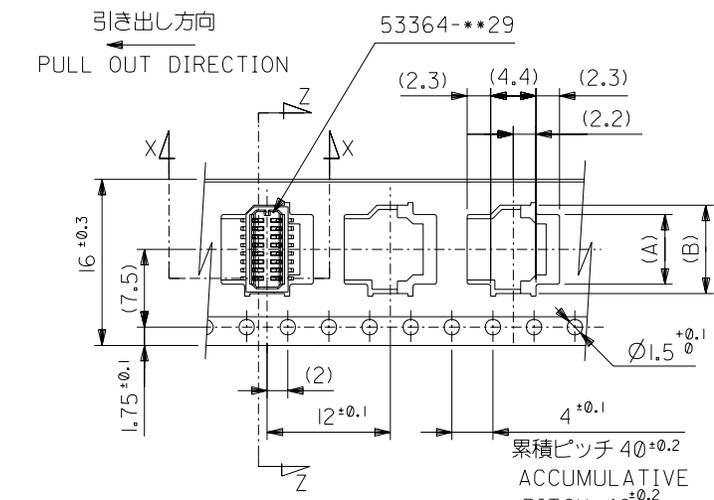
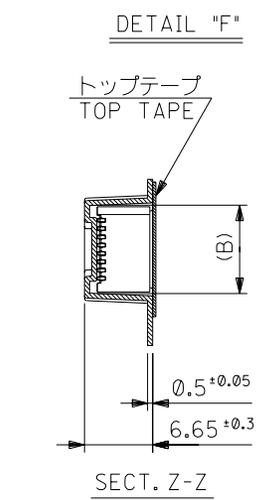
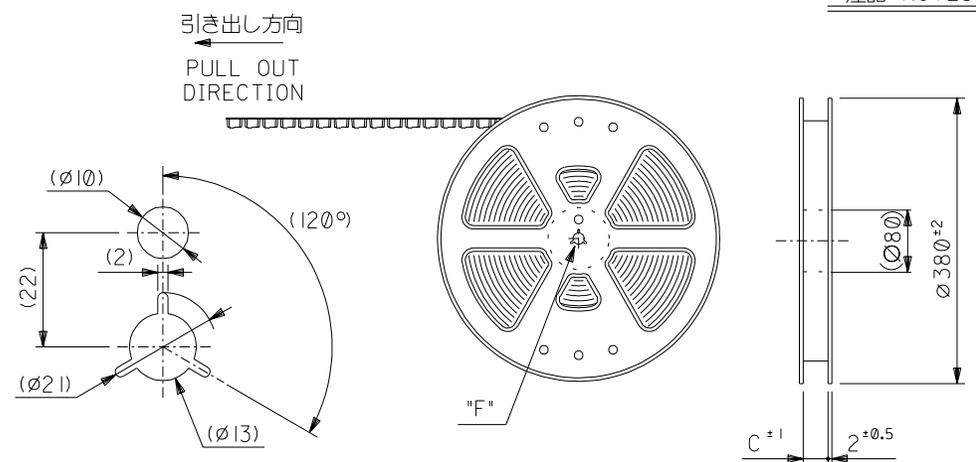
Mates With

52465 PCB Receptacle. 52588 PCB Receptacle Floating Type

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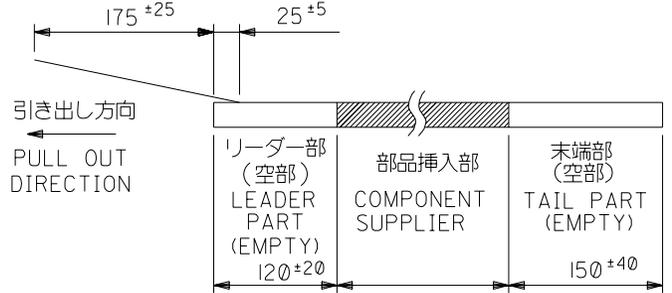
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DWG. NO. SD-53364-**-71

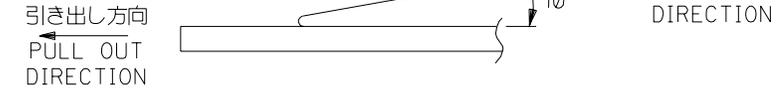


注記 NOTES

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



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



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:POLYSTYREN(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

材料 MATERIAL 注記参照 SEE NOTES		MATERIAL 注記参照 SEE NOTES		MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
仕上げ FINISH —#—		REVISE ONLY ON CAD SYSTEM		TITLE 名称	
適用電線範囲 WIRE RANGE —#—		DRAWN BY '03/12/11 M.NINOMIYA		0.8 BtB Conn Wafer Assy	
被覆外径 INS. RANGE —#—		CHK'D BY '03/12/11 K.TOJO		ST SMT Without Boss	
DRAWN BY '03/12/11 M.NINOMIYA		CHK'D BY '03/12/11 K.TOJO		Embstp Pkg -LEAD FREE-	
DRAWN BY '03/12/11 M.SASAO		CHK'D BY '03/12/11 K.TOJO		DWG. NO. (SHEET 1 OF 2)	
APP'D BY '03/12/11 M.SASAO		CHK'D BY '03/12/11 K.TOJO		SD-53364-**-71	
尺度 SCALE —#—		REV		0	

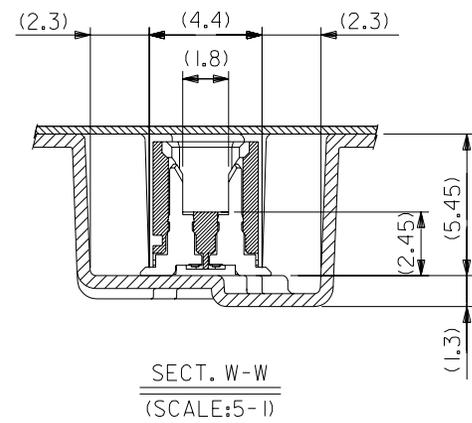
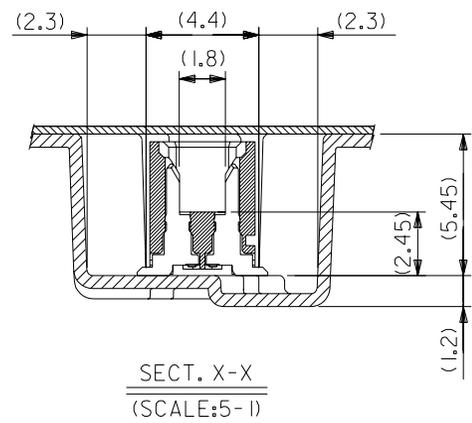
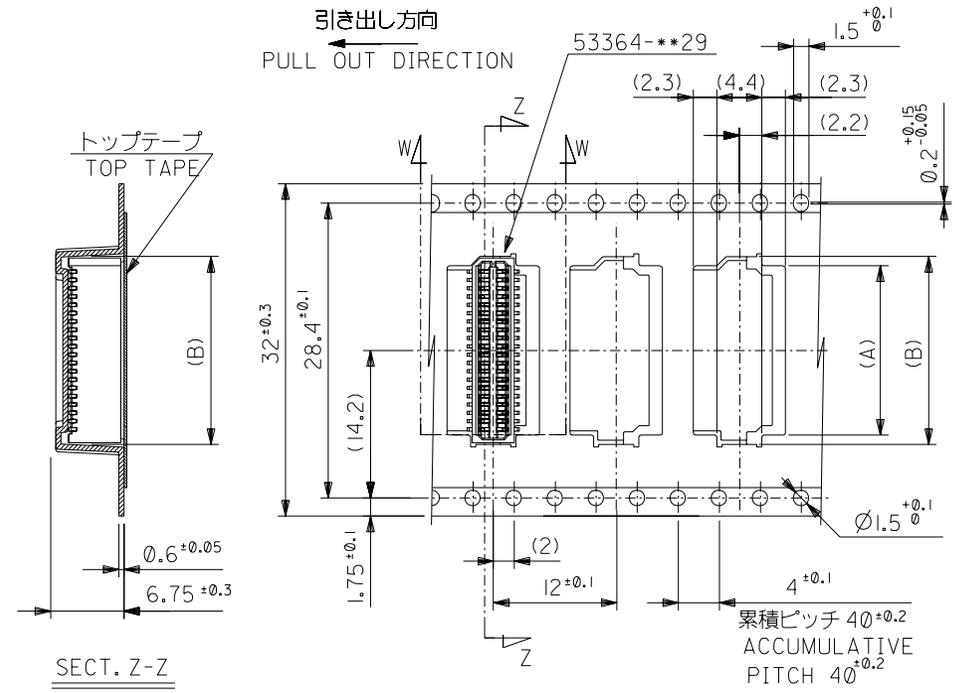
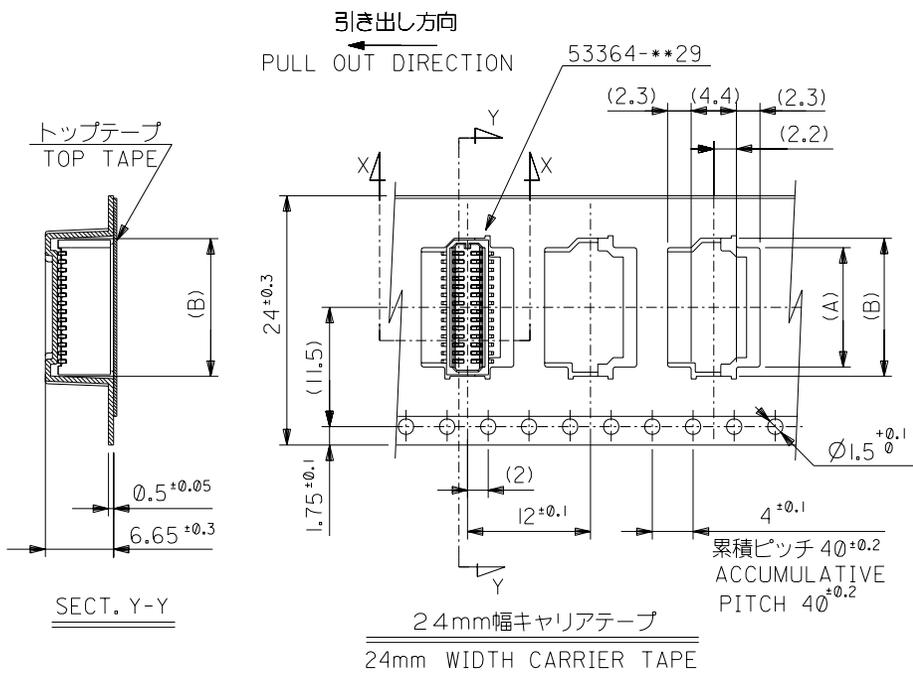
角度 ANGLE	±3°
30以上 OVER	±0.3
10以上 未滿 UNDER	±0.25
10未滿 UNDER	±0.2

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

一般公差 GENERAL TOLERANCES

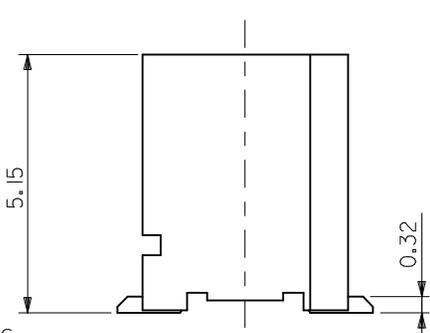
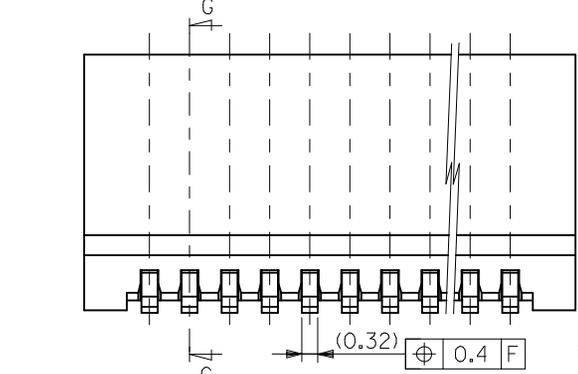
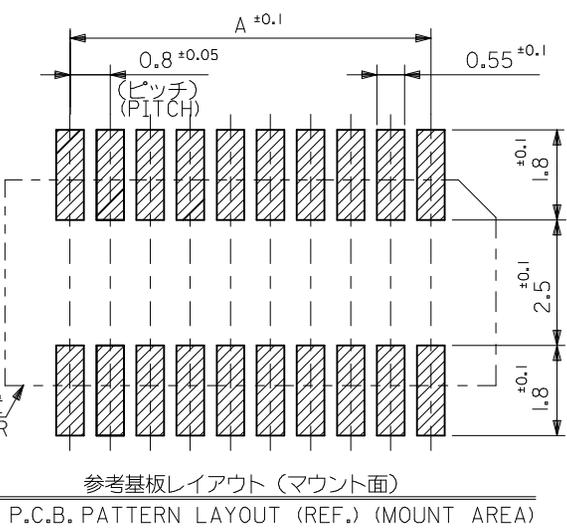
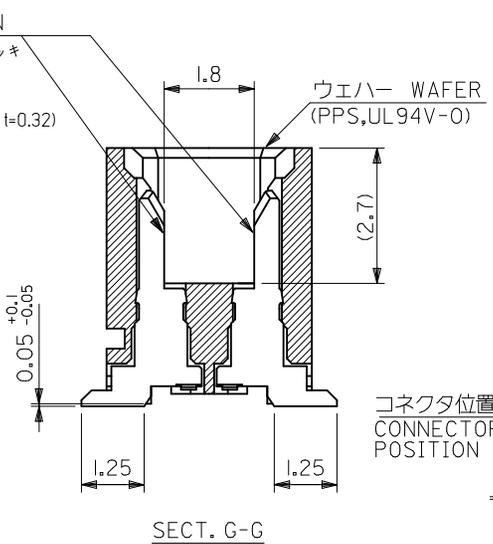
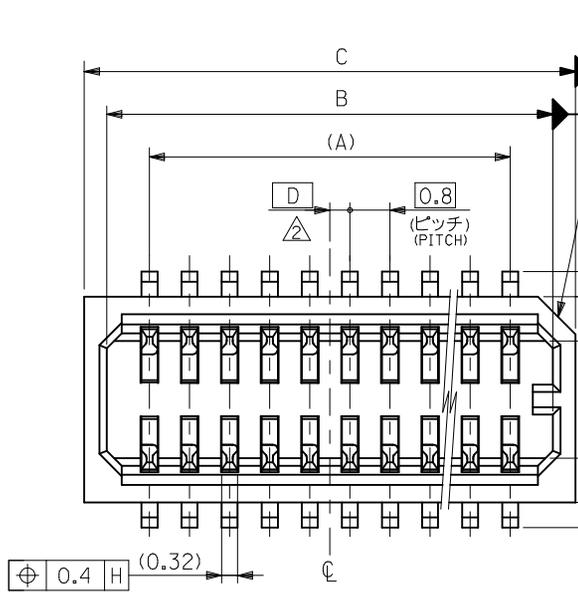
DIMENSIONS IN METRIC DO NOT SCALE DRAWING

SD-53364-**-71LS01



32	33.5	18.9	17.1	53364-4271	42
		18.1	16.3	53364-4071	40
24	25.5	16.5	14.7	53364-3671	36
		14.1	12.3	53364-3071	30
		13.3	11.5	53364-2871	28
		10.1	8.3	53364-2071	20
キャリアテープ幅 CARRIER TAPE WIDTH	C	(B)	(A)	MATERIAL NO.	極数 CIRCUIT

材料 MATERIAL	SHEET 1 OF 2 参照 REFER TO SHEET 1 OF 2		molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
仕上げ FINISH	—#—		REVISE ONLY ON CAD SYSTEM	
適用電線範囲 WIRE RANGE	—#—		TITLE 名称	
被覆外径 INS. RANGE	—#—		0.8 BtB Conn Wafer Assy ST SMT Without Boss Embstp Pkg -LEAD FREE-	
DRAWN BY '03/12/11 M.NINOMIYA	CHK'D BY '03/12/11 K.TOJO	DR. '03/12/11 M.SASAO	尺度 SCALE	—#—
記号 LTR	0	新規作成 (J2004-1478) RELEASED	MN KT	03/12/11
一般公差 GENERAL TOLERANCES	未満 10 UNDER 未満 30 UNDER 10 OVER 30 OVER		DR. CHK.	日付 DATE
角度 ANGLE	30°		変更内容 REVISION RECORD	尺度 SCALE

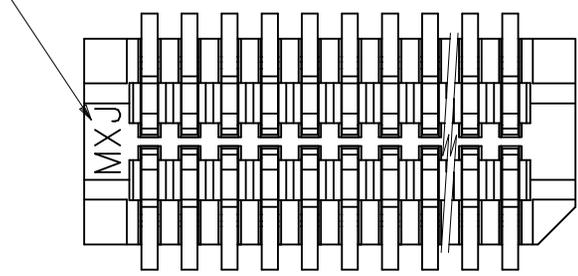


注記 NOTES

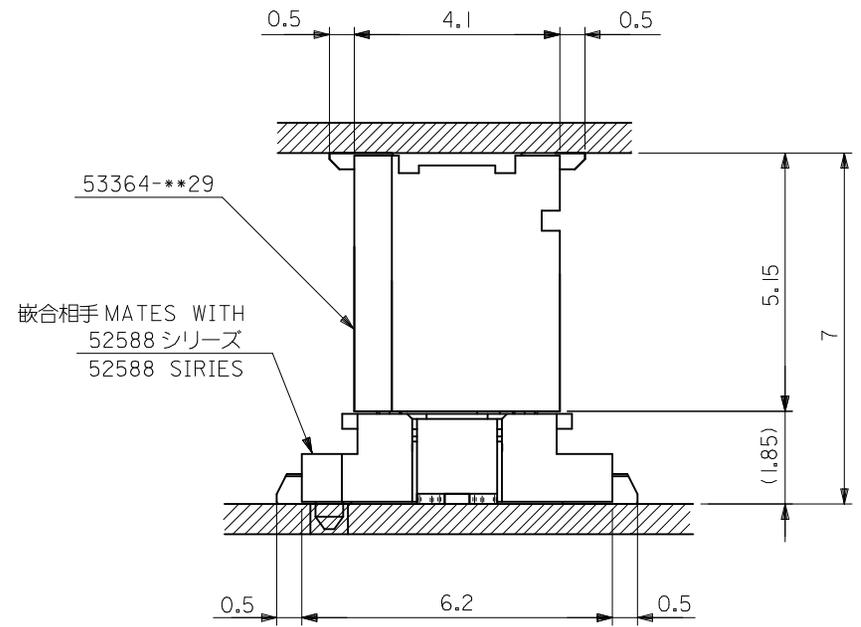
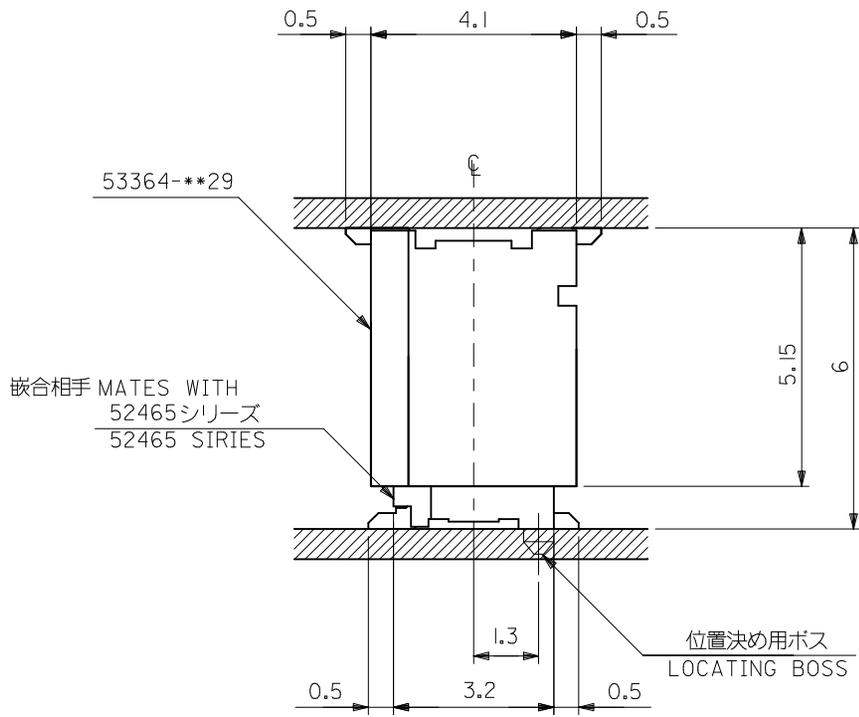
1. 嵌合相手 : 52465, 52588 シリーズ
MATES WITH : 52465, 52588 SERIES
2. ウェハーの ㊦ から隣接するピンの ㊦ 迄の位置を示す。
SHOW POSITION FROM ㊦ OF WAFER TO ㊦ OF ADJACENT PINS.
3. 本製品は 53364-**-27 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53364-**-27.

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.

トレードマーク TRADE MARK



REVISED EC NO: J2009-1121 DRWN: MAKURAA 2008/12/15 CHKD: T. HARUYAMA 2008/12/15 APPR: NUKITA 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	MOLEX INCORPORATED			
	30 OVER	±0.3	APPROVED BY M. SASAO	DATE '03/12/11	DOCUMENT NO. SD-53364-003			
ANGULAR ±3 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		SHEET NO. 1 OF 2			
SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



嵌合状態図 (参考)
MATED DRAWING (REF.)

REVISED EC NO: J2009-1121 DRWN: KAKIMURA 2008/12/15 CHKD: T. HIRUYAMA 2008/12/15 APPR: NUKITA 2009/01/13	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	MOLEX INCORPORATED	
	ANGULAR	± --- °	MATERIAL NO. SEE SHEET 1	DOCUMENT NO. SD-53364-003		
	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			