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Part Number: [0533642071](#)
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, 20 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) 20
Circuits (maximum) 20
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

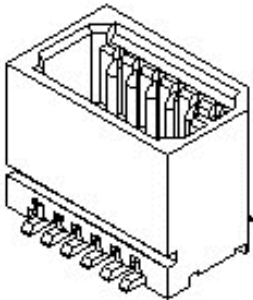
Electrical

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



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

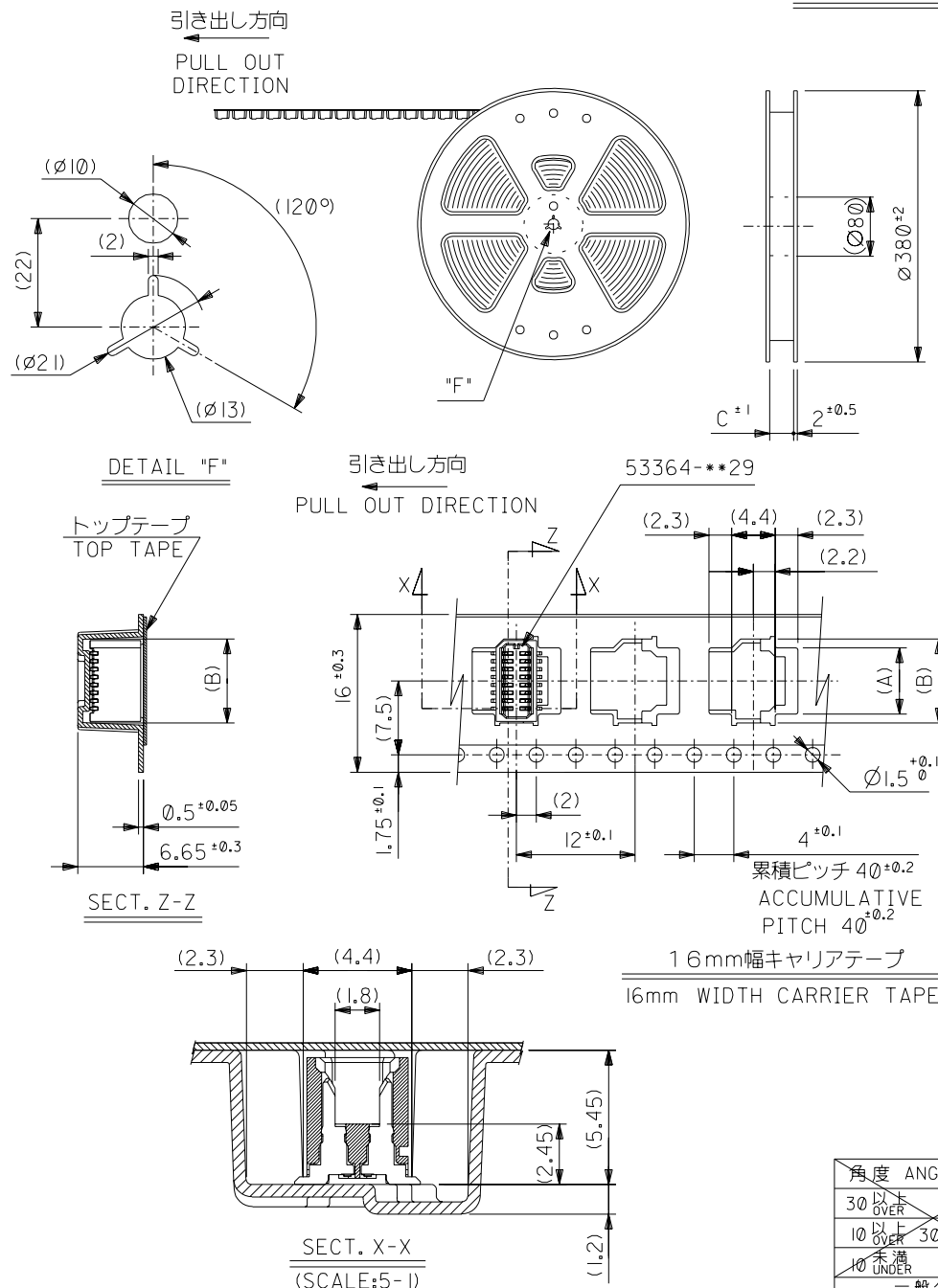
[53364Series](#)

Mates With

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

This document was generated on 04/16/2010

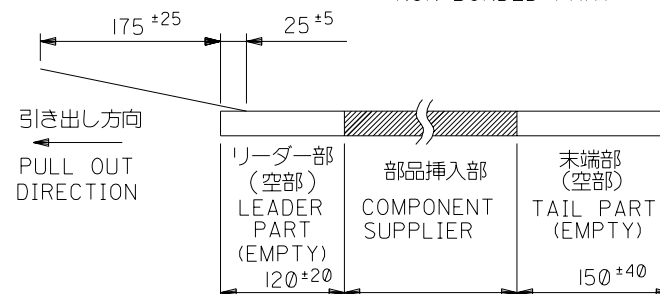
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注記 NOTES

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.)

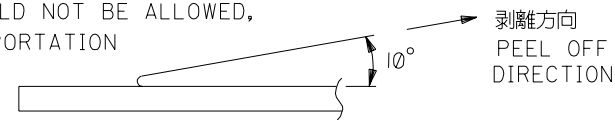
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT

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

材料 MATERIAL		注記参照 SEE NOTES		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 Embstop Pkg -LEAD FREE-	
DRAWN BY '03/12/11 M.NINOMIYA		CHK'D BY '03/12/11 K.TOJO		DWG. NO. (SHEET 1 OF 2)	
APP'D BY '03/12/11 M.SASAO		尺度 SCALE		SD-53364-**-71	
角度 ANGLE		30°		REV	
30°以上 OVER		±0.3		0	
10°以上 30°未満 OVER 30° UNDER		±0.25			
未満 10° UNDER		±0.2			
一般公差 GENERAL TOLERANCES		記号 LTR		新規作成 (J2004-1478) RELEASED	
		変更内容 REVISION RECORD		DR. CHK.	
		日付 DATE			

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

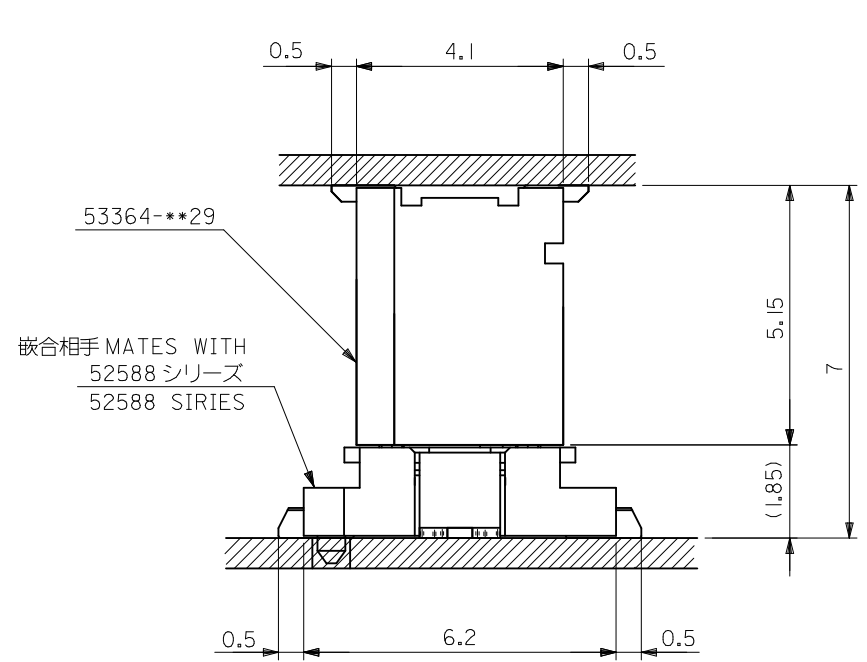
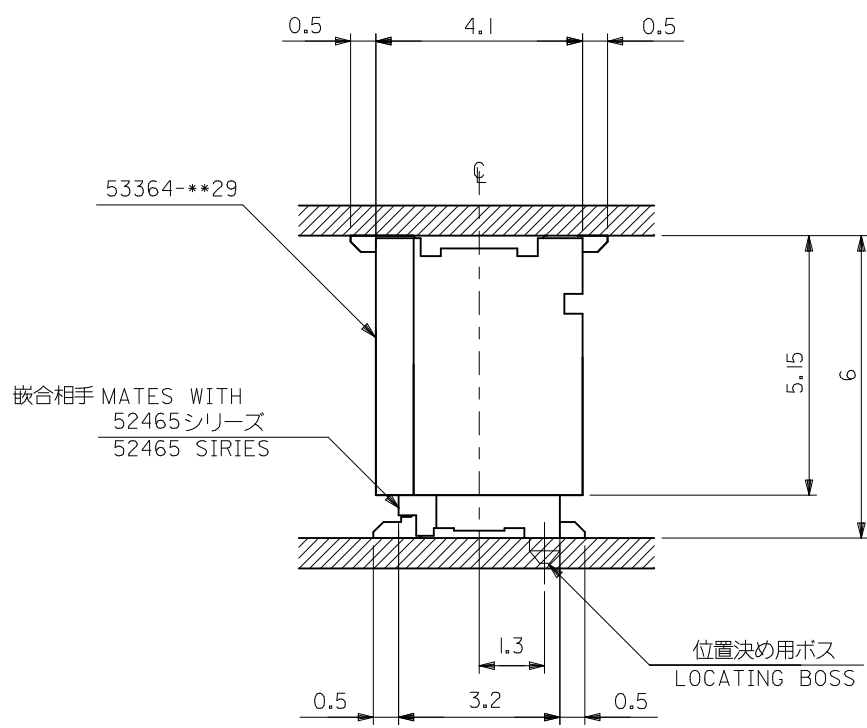
E

D

C

B

A



嵌合状態図 (参考)
MATED DRAWING (REF.)

REVISED EC NO: J2009-1121 DRWN: NAKAMURA CHKD: T. HIRUYAMA APPR: NUKITA	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	MOLEX INCORPORATED				
		ANGULAR ± --- °		MATERIAL NO. SEE SHEET 1		DOCUMENT NO. SD-53364-003			SHEET NO. 2 OF 2	
	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				