

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0524653671](#)
Status: **Active**
Description: 0.80mm (.031") Pitch Board-to-Board Receptacle, Surface Mount, Dual Row, 36 Circuits, Lead-free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-52465-010 \(PDF\)](#)
[Product Specification PS-52465-014 \(PDF\)](#)
[Product Specification PS-52465-015 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family PCB Receptacles
Series [52465](#)
Application Board-to-Board
Product Name N/A

Physical

Circuits (Loaded) 36
Color - Resin Natural
Durability (mating cycles max) 30
Glow-Wire Compliant No
Mated Height (in) 0.177 In, 0.222 In, 0.256 In
Mated Height (mm) 4.50 mm, 5.65 mm, 7.00 mm
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Vertical
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
Plating min: Mating (µin) 40
Plating min: Mating (µm) 1
Plating min: Termination (µin) 40
Plating min: Termination (µm) 1
Polarized to PCB No
Surface Mount Compatible (SMC) N/A
Temperature Range - Operating -20°C to +105°C
Termination Interface: Style Surface Mount

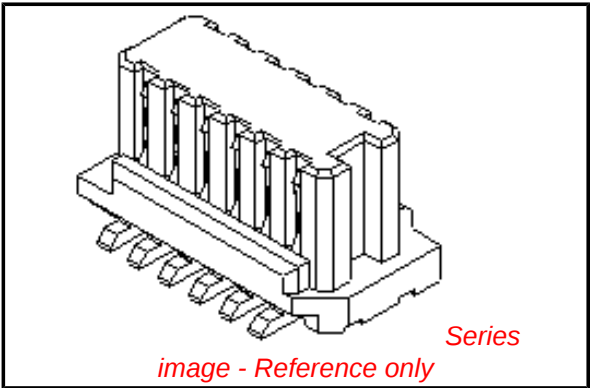
Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification SPK-52465-002
Product Specification PS-52465-010, PS-52465-014, PS-52465-015, RPS-52465-042, RPS-52465-044, RPS-52465-045, RPS-52465-047, RPS-52465-048, RPS-52465-049, RPS-52465-052
Sales Drawing SD-52465-028, SD-52465-029



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Not Reviewed
**Halogen-Free
Status**

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

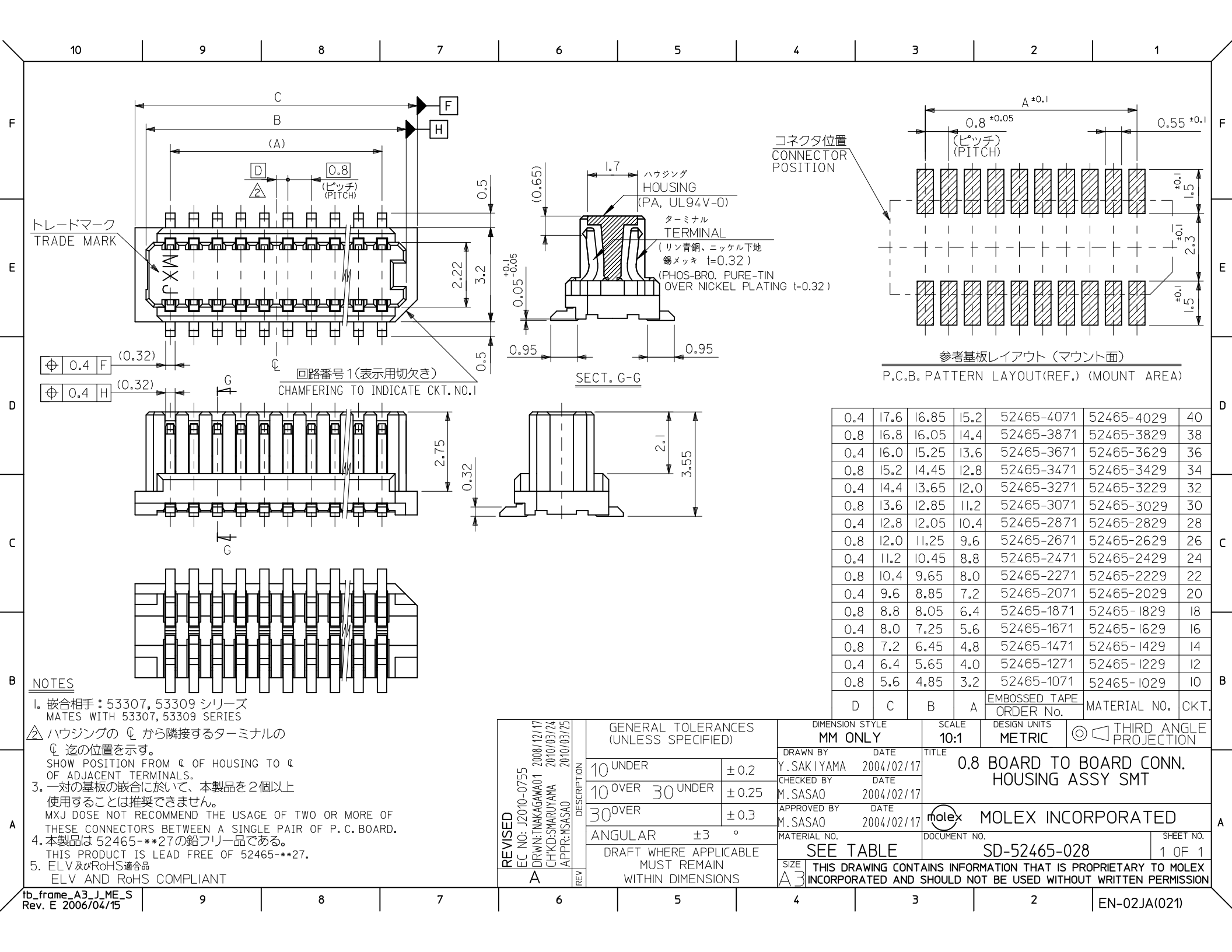
Please visit the [Contact Us](#) section for any non-product compliance questions.

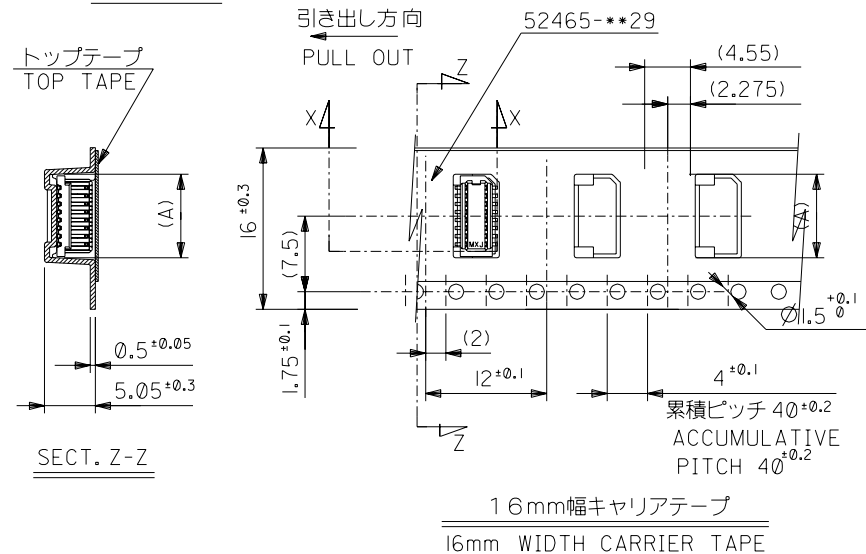
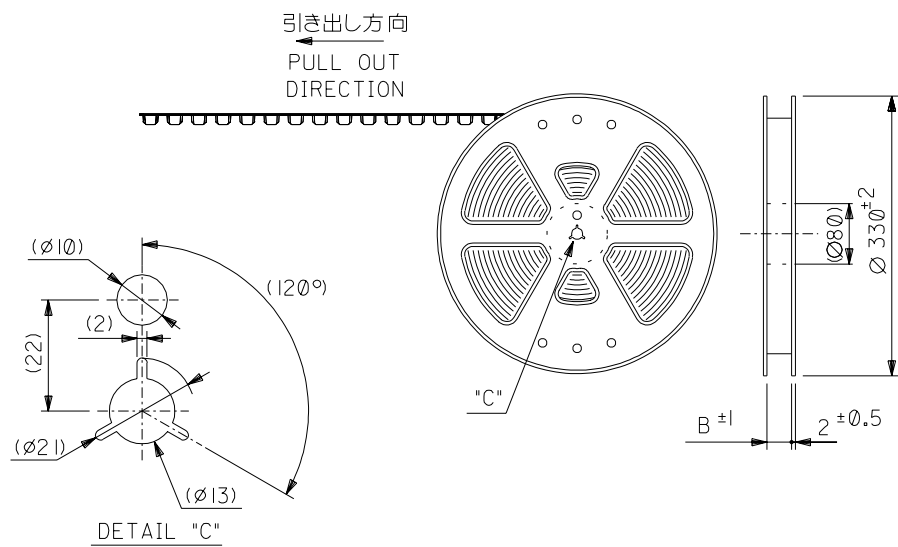
Search Parts in this Series
[52465Series](#)

Mates With
[53364](#) , [53353](#) , [53307](#) , [53309](#)

This document was generated on 06/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION





NOTES

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

2. リードテープ長さ LEAD TAPE LENGTH

トップテープ
リーダー部TOP TAPE
LEADER PART
175 ±25トップテープ
未接着部TOP TAPE
NON-BONDED PART
25 ±5

引き出し方向

PULL OUT
DIRECTIONリーダー部
(空部)
LEADER
PART (EMPTY)部品挿入部
COMPONENT
SUPPLIER末端部 (空部)
TAIL PART
(EMPTY)

3. トップテープの剥離強度: 0.1 ~ 1.3N (10 ~ 130gf) (剥離方向は下図参照)

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: 0.1 ~ 1.3N (10 ~ 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

MATERIAL

4. 材料

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)

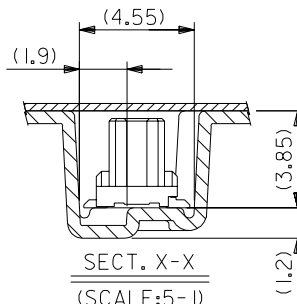
REEL: POLYSTYRENE (PS)

<リサイクル材を含む>

<RECYCLE MATERIAL CONTAINED>

5. 本製品は 52465-**-91 の鉛フリー品である。

THIS PRODUCT IS LEAD FREE OF 52465-**-91.



16	17.5	9.1	52465-1871	18
		8.3	52465-1671	16
		7.5	52465-1471	14
		6.7	52465-1271	12
		5.9	52465-1071	10
キャリアテープ幅 CARRIER TAPE WIDTH	B	(A)	MATERIAL NO.	CIRCUITS

MODEL NO.	52465-**-71	DIMENSIONS:	SHT	REV
		☐ mm ☐ INCH ☒ mm ONLY		
		THIRD ANGLE PROJECTION		

TITLE:	0.8 B-To-B Hsg Assy SMT Embstp Pkg -LEAD FREE-
--------	---

MATERIAL NO.	DRAWING NO.	SHEET NO.
SEE CHART	SD-52465-029	1 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

SIZE
B

DWG. NO.
SD-52465-029

F

D

▽

C

B

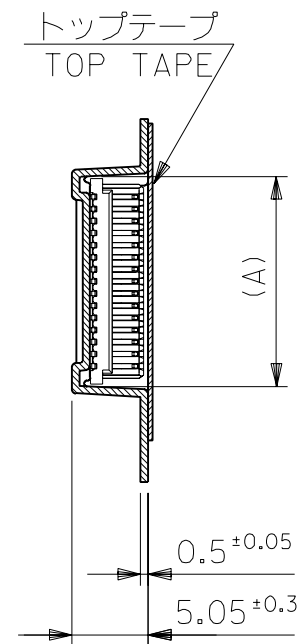
DO NOT SCALE DRAWING

EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	RELEASED '04/02/17 EC NO. J2004-2482 DRWN: Y.SAKIYAMA CH'K: M.SASAO APPR: M.SASAO	DESCRIPTION REV
				0	

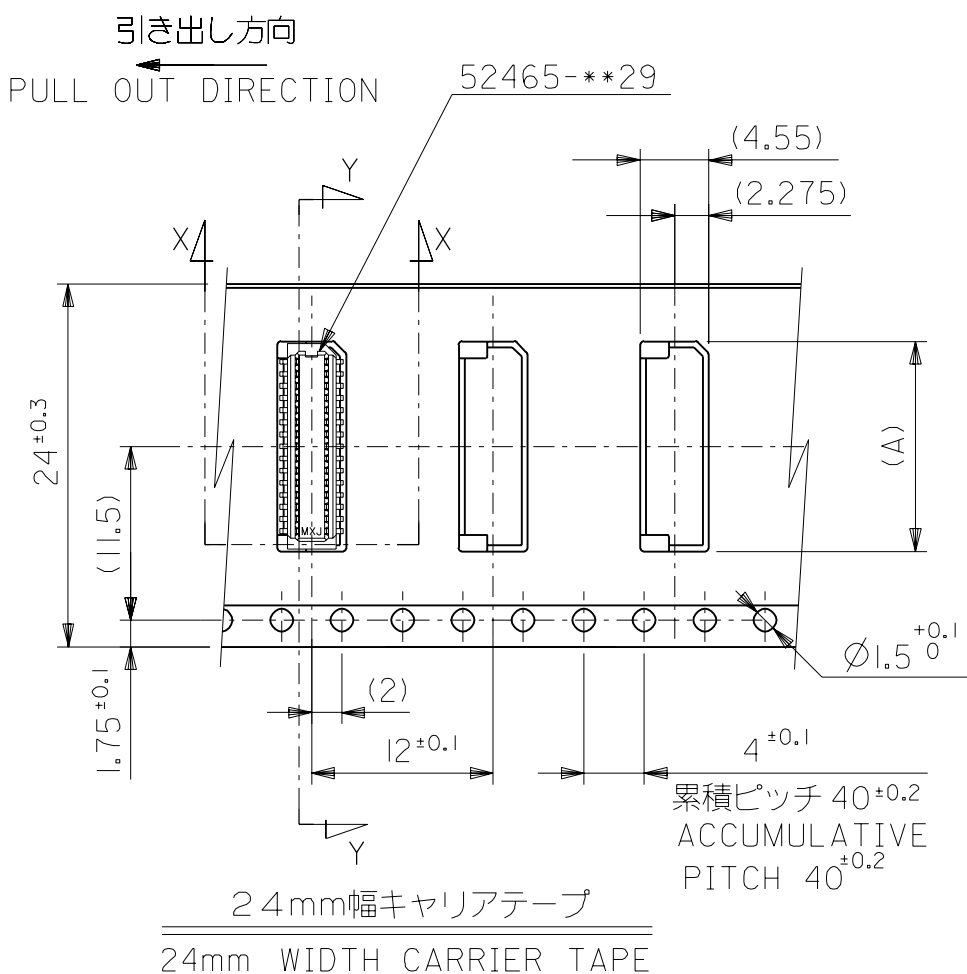
MATERIAL 材料	SEE SHEET 1 OF 2
FINISH 仕上げ	—//—
WIRE RANGE 適用電線範囲	—//—
INS. RANGE 被覆外径	—//—

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	
10 UNDER 未満	±0.2
10 OVER 30 UNDER 以上 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

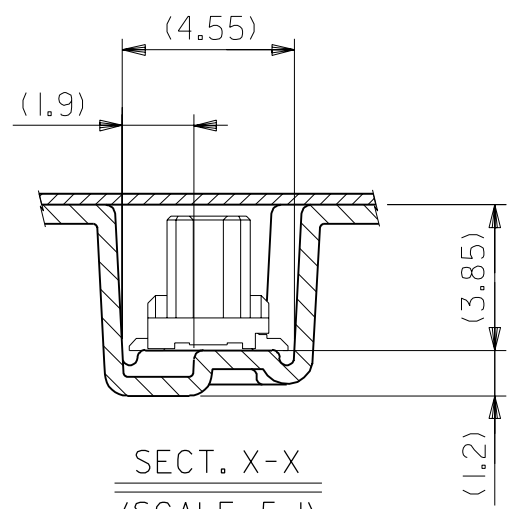
SCALE —//—	DESIGN UNITS ☒ mm ☐ INCH	THIRD ANGLE PROJECTION ☐ mm ☐ INCH ☒ mm ONLY		SHT	REV
DRAWN BY & DATE Y.SAKIYAMA '04/02/17		TITLE: 0.8 B-To-B Hsg Assy SMT Embstp Pkg -LEAD FREE-			
CHECKED BY & DATE M.SASAO '04/02/17		MOLEX INCORPORATED			
APPROVED BY & DATE M.SASAO '04/02/17		MATERIAL NO. SEE CHART	DRAWING NO. SD-52465-029	SHEET NO. 2 OF 2	
CAD FILENAME SD-52465-029.S02		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			SIZE B



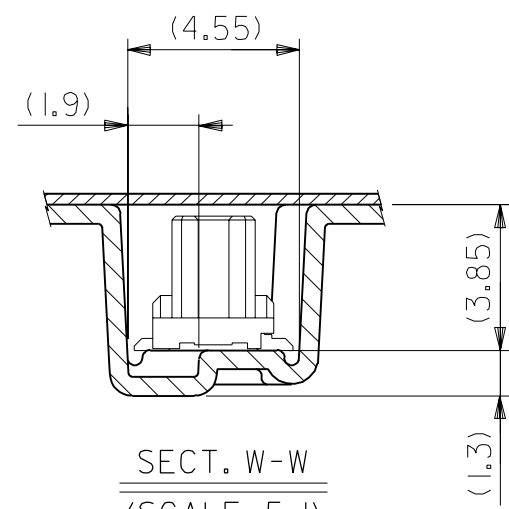
SECT. Y-Y



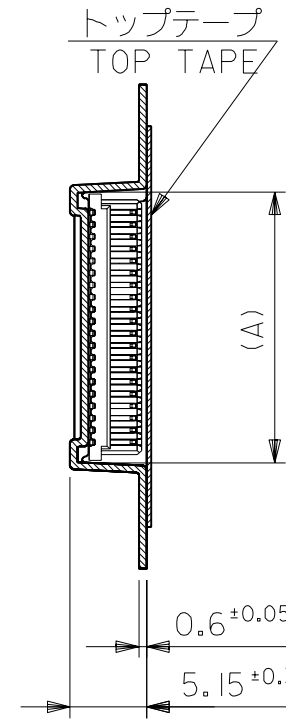
24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE



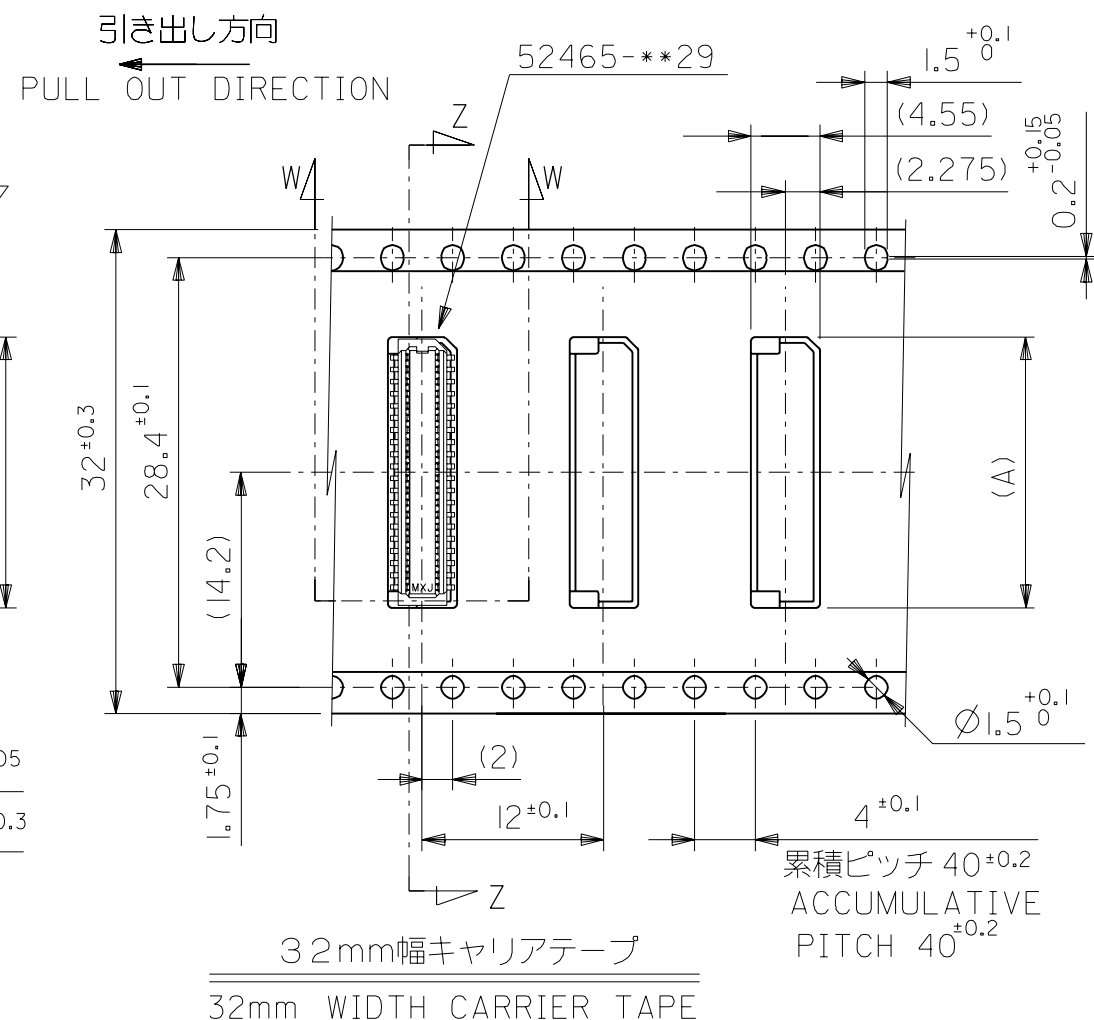
SECT. X-X
(SCALE; 5:1)



SECT. W-W
(SCALE; 5:1)



SECT. Z-Z



32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

24	33.5	17.9	52465-4071	40
		17.1	52465-3871	38
		16.3	52465-3671	36
		15.5	52465-3471	34
		14.7	52465-3271	32
		13.9	52465-3071	30
		13.1	52465-2871	28
		12.3	52465-2671	26
		11.5	52465-2471	24
キャリアテープ幅 CARRIER TAPE WIDTH	B	10.7	52465-2271	22
		9.9	52465-2071	20
		(A)	MATERIAL NO.	CIRCUITS
		(A)	MATERIAL NO.	CIRCUITS

MODEL NO.	52465-***71	DIMENSIONS: ☐ mm ☐ INCH ☒ mm ONLY		SHT	REV
DRAWN BY & DATE Y.SAKIYAMA '04/02/17		TITLE: 0.8 B-To-B Hsg Assy SMT Embstp Pkg -LEAD FREE-			
CHECKED BY & DATE M.SASAO '04/02/17		MOLEX INCORPORATED			
APPROVED BY & DATE M.SASAO '04/02/17		MATERIAL NO. SEE CHART	DRAWING NO. SD-52465-029	SHEET NO. 2 OF 2	
CAD FILENAME SD-52465-029.S02		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			SIZE B

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9