

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0524654071](#)
Status: **Active**
Description: 0.80mm (.031") Pitch Board-to-Board Receptacle, Surface Mount, Dual Row, 40 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) 40
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

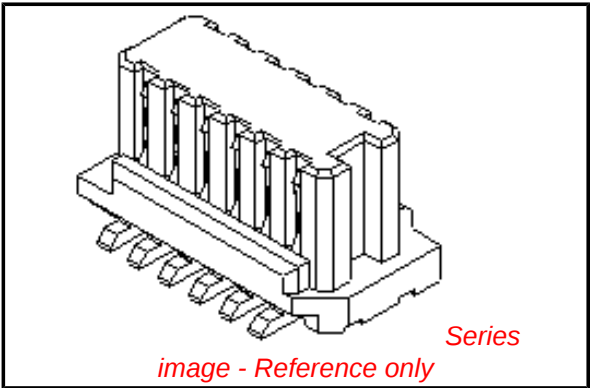
Electrical

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](#)

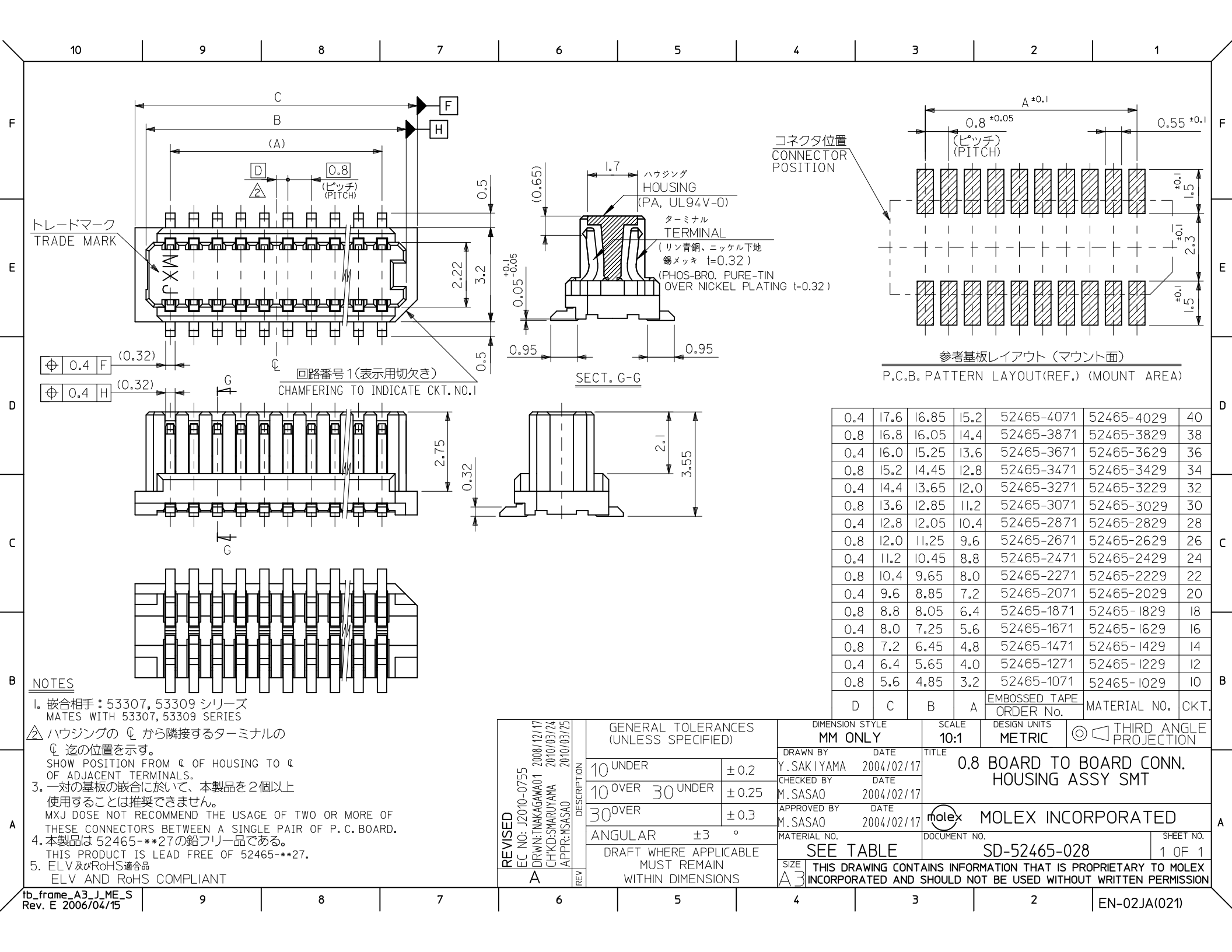
Please visit the [Contact Us](#) section for any non-product compliance questions.

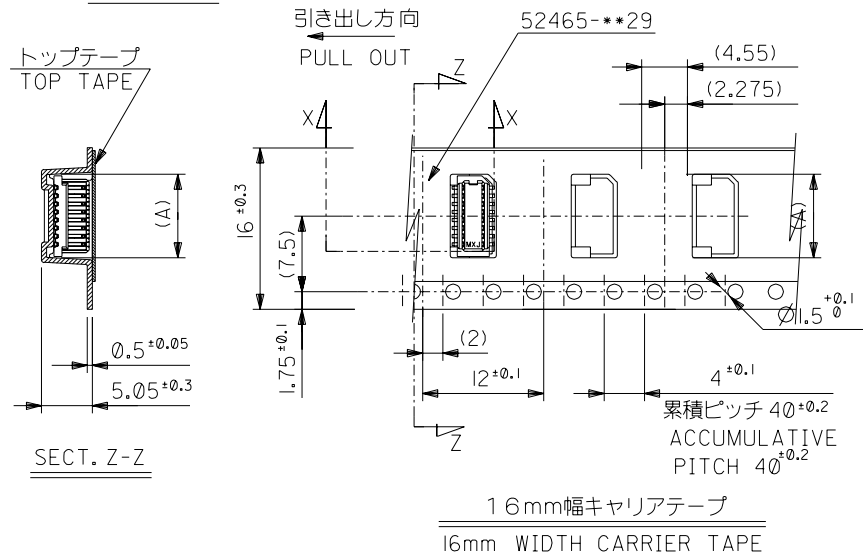
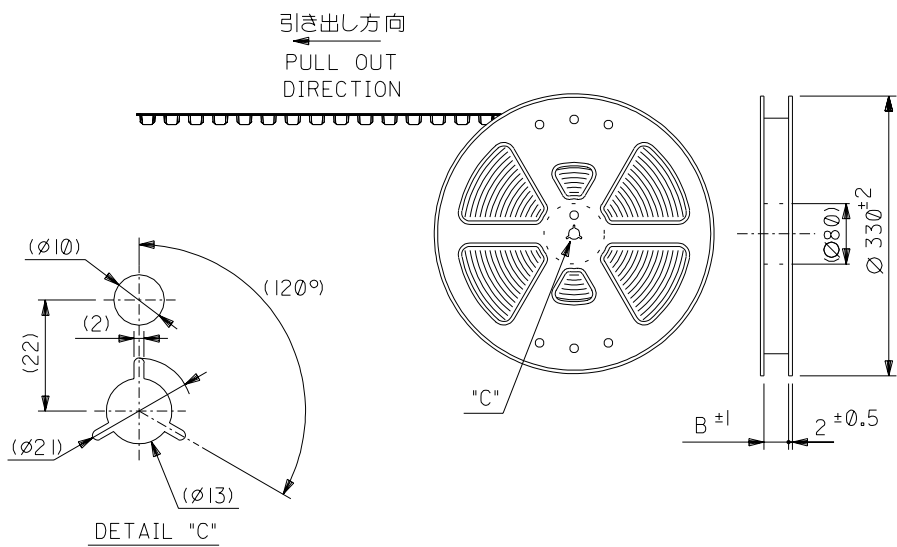
Search Parts in this Series
[52465Series](#)

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

This document was generated on 06/07/2010

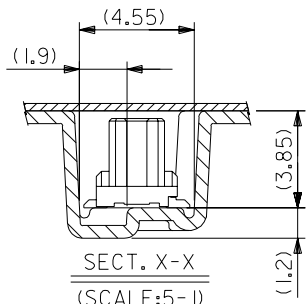
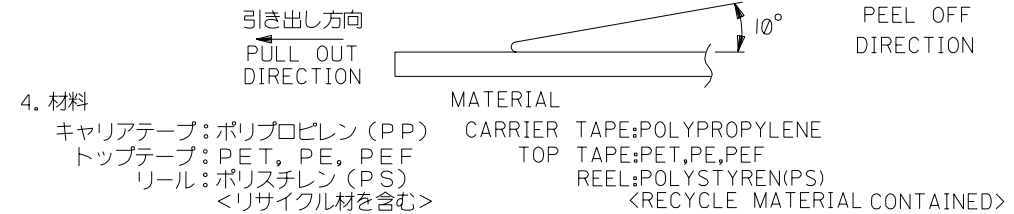
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION





NOTES

- 梱包数量: 1000 個/リール NUMBER OF CONNECTORS: 1000 PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH
トッブテープ リーダー部 TOP TAPE LEADER PART 175 ±25
トッブテープ 未接着部 TOP TAPE NON-BONDED PART 25 ±5
- トッブテープの剥離強度: 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



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
DESIGN UNITS ☒ mm ☐ INCH		☐ mm ☐ INCH ☒ mm ONLY		REVISE ON CAD ONLY	
THIRD ANGLE PROJECTION		TITLE: 0.8 B-To-B Hsg Assy SMT Embstp Pkg -LEAD FREE-			
DRAWN BY & DATE Y.SAKIYAMA '04/02/17		MOLEX INCORPORATED			
CHECKED BY & DATE M.SASAO '04/02/17					
APPROVED BY & DATE M.SASAO '04/02/17		SIZE B			
CAD FILENAME SD-52465.S01		MATERIAL NO. SEE CHART		DRAWING NO. SD-52465-029	
SHEET NO. 1 OF 2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			

DWG. NO.
SD-52465-029

F

D

▽

C

B

DO NOT SCALE DRAWING

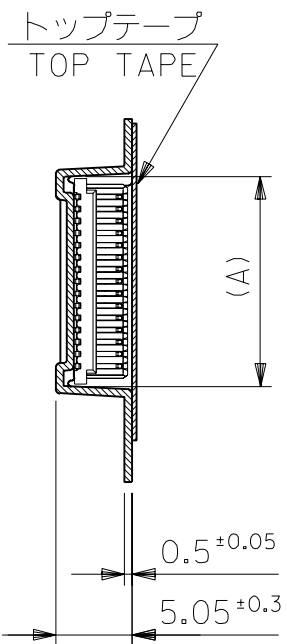
EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	RELEASED '04/02/17 EC NO. J2004-2482 DRWN: Y.SAKIYAMA CH'K: M.SASAO APPR: M.SASAO	DESCRIPTION REV
				0	

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	—//—

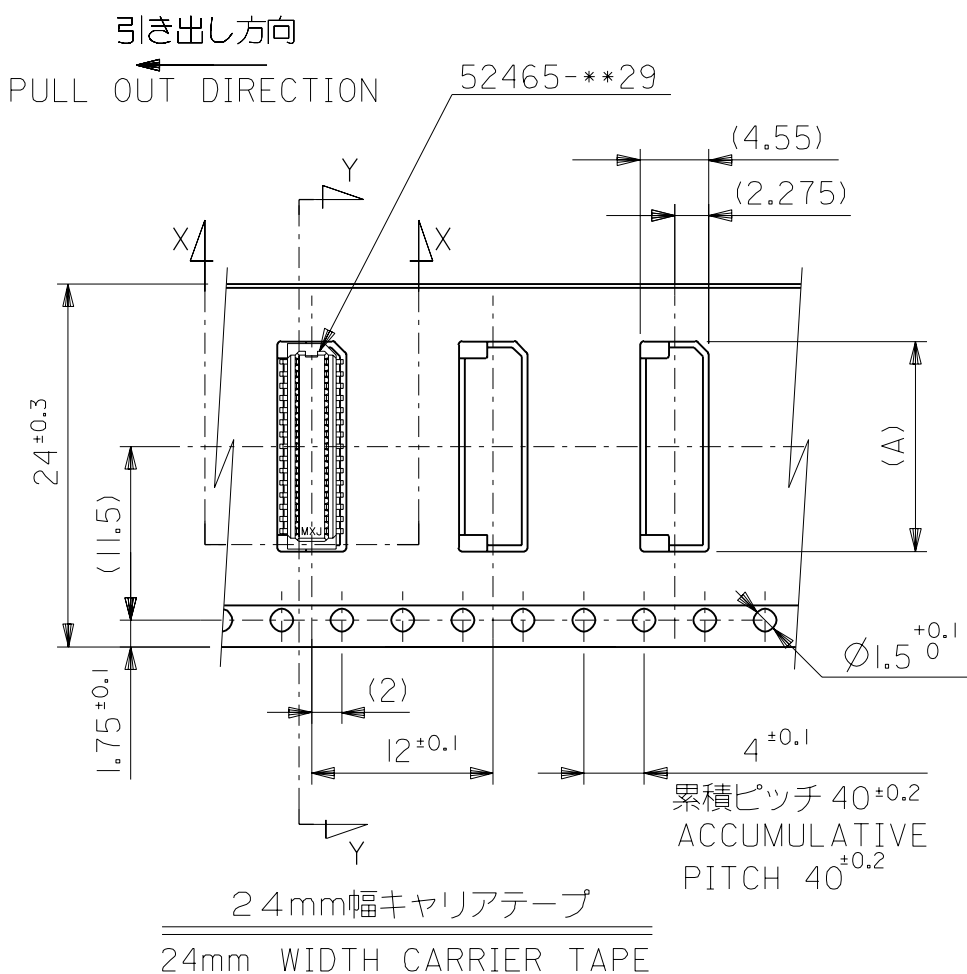
GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	
10 UNDER 未満	±0.2
10 OVER 30 UNDER 以上 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

SCALE —//—	DESIGN UNITS ☒ mm ☐ INCH
DRAWN BY & DATE Y.SAKIYAMA	'04/02/17
CHECKED BY & DATE M.SASAO	'04/02/17
APPROVED BY & DATE M.SASAO	'04/02/17
CAD FILENAME SD-52465-029.S02	
THIS DRAWING CONTAINS INCORPORATED AND SHOWN	

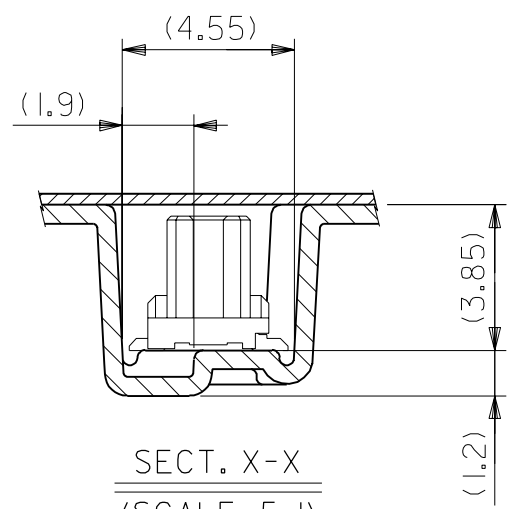
		THIRD ANGLE PROJECTION		☐ mm INCH		☐ INCH mm		☒ mm ONLY		REVISE ON CAD ONLY	
TITLE: 0.8 B-To-B Hsg Assy SMT Embstp Pkg -LEAD FREE-											
molex MOLEX INCORPORATED											
MATERIAL NO. SEE CHART				DRAWING NO. SD-52465-029				SHEET NO. 2 OF 2			
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.										SIZE B	



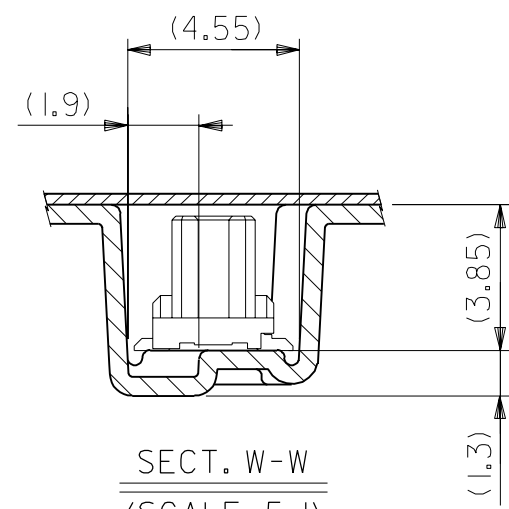
SECT. Y-Y



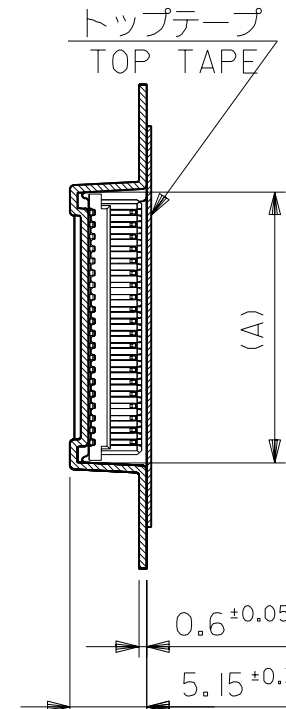
24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE



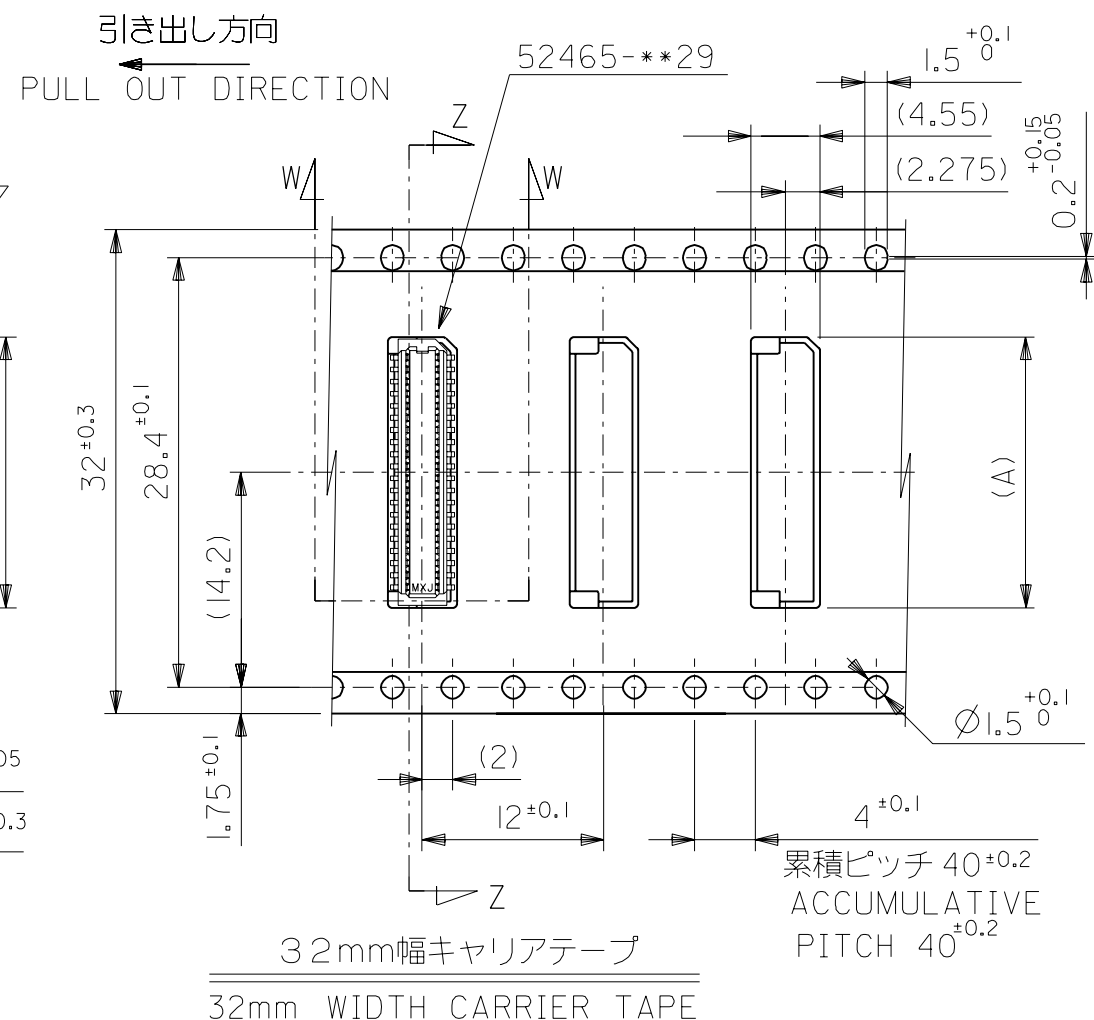
SECT. X-X
(SCALE: 5:1)



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

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