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Part Number: [0524653071](#)
Status: **Active**
Description: 0.80mm (.031") Pitch Board-to-Board Receptacle, Surface Mount, Dual Row, 30 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) 30
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

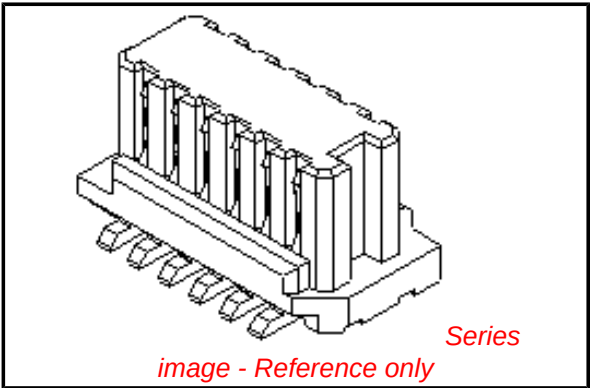
Electrical

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-52465-045, 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

Not Halogen-Free

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.

China RoHS



Search Parts in this Series

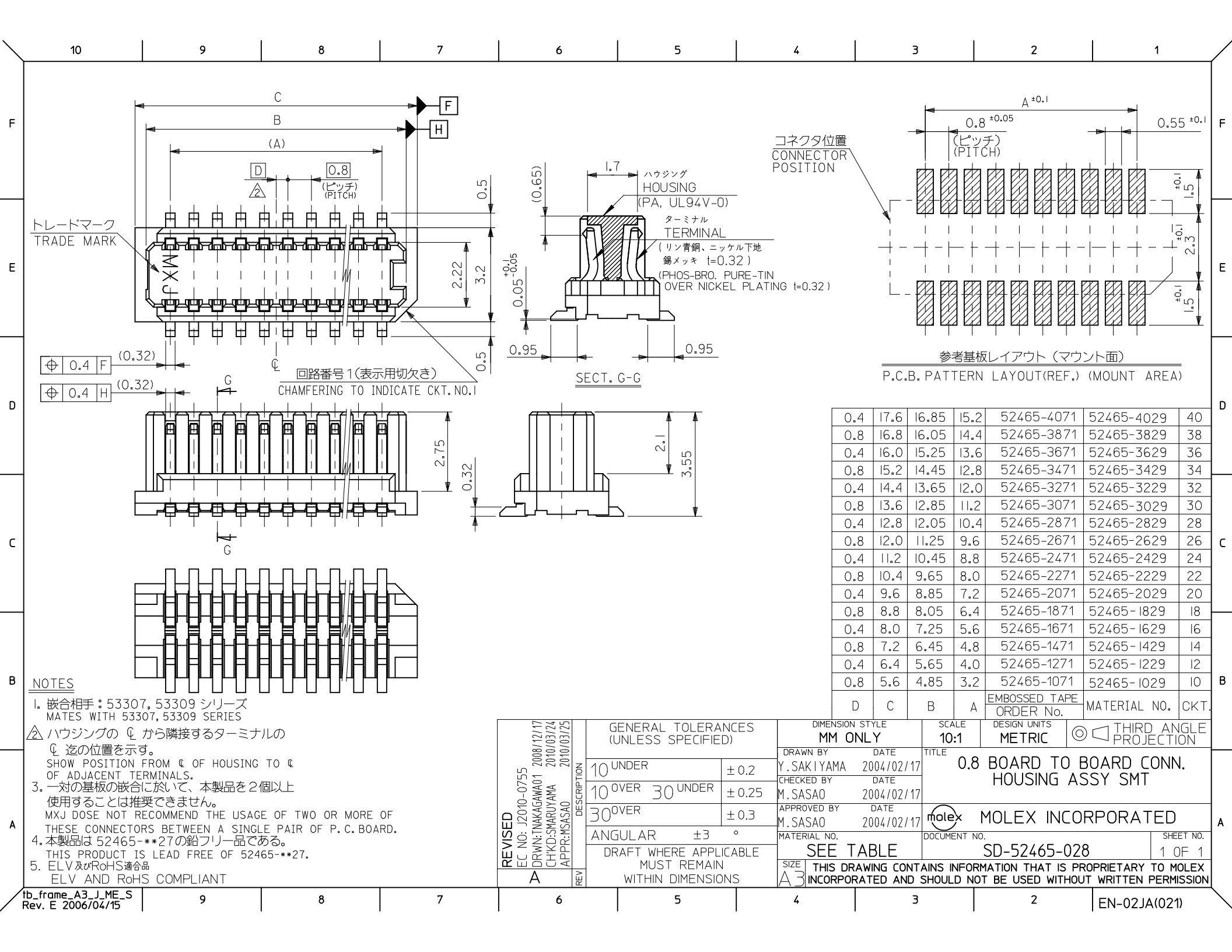
[52465Series](#)

Mates With

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

This document was generated on 06/07/2010

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DWG. NO.
SD-52465-029

F

D

▽

C

B

DO NOT SCALE DRAWING

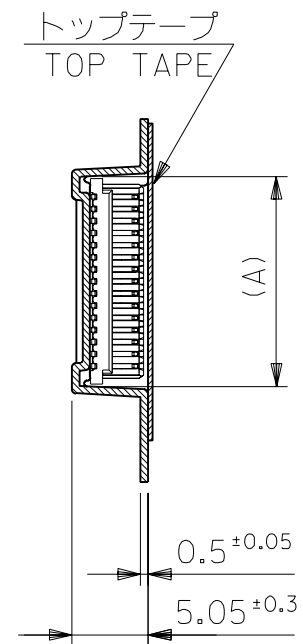
EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	RELEASED '04/02/17 EC NO. J2004-2482 DRWN: Y.SAKIYAMA CH'K: M.SASAO APPR: M.SASAO	DESCRIPTION REV
				0	

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	—//—

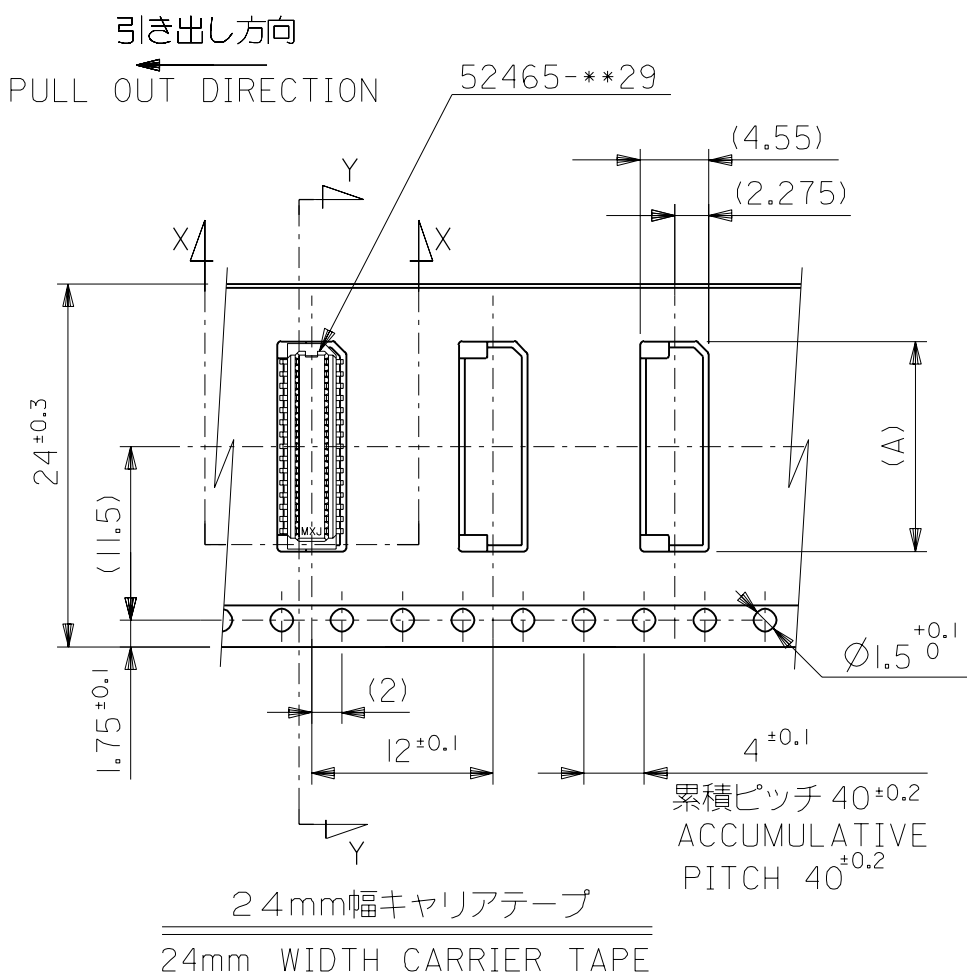
GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	
10 UNDER 未満	±0.2
10 OVER 30 UNDER 以上 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

SCALE —//—	DESIGN UNITS ☒ mm ☐ INCH
DRAWN BY & DATE Y.SAKIYAMA '04/02/17	TITLE: 0.8 B-To-B Hsg Assy SMT Embstp Pkg -LEAD FREE-
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	

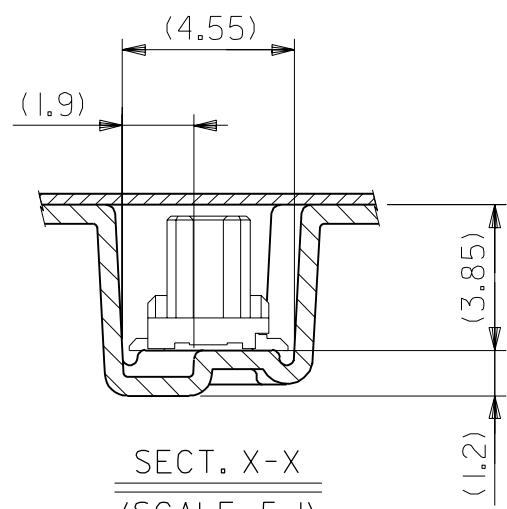
		THIRD ANGLE PROJECTION		☐ mm INCH		☐ INCH mm		☒ mm ONLY		REVISE ON CAD ONLY	
TITLE: 0.8 B-To-B Hsg Assy SMT Embstp Pkg -LEAD FREE-											
molex MOLEX INCORPORATED											
MATERIAL NO. SEE CHART				DRAWING NO. SD-52465-029				SHEET NO. 2 OF 2			
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD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



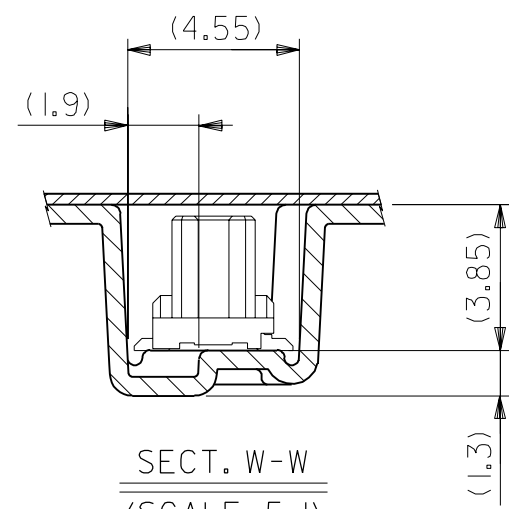
SECT. Y-Y



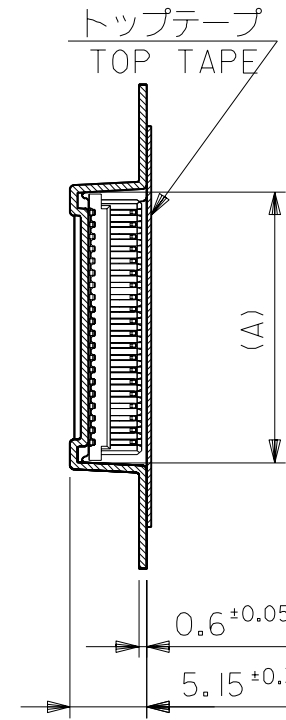
24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE



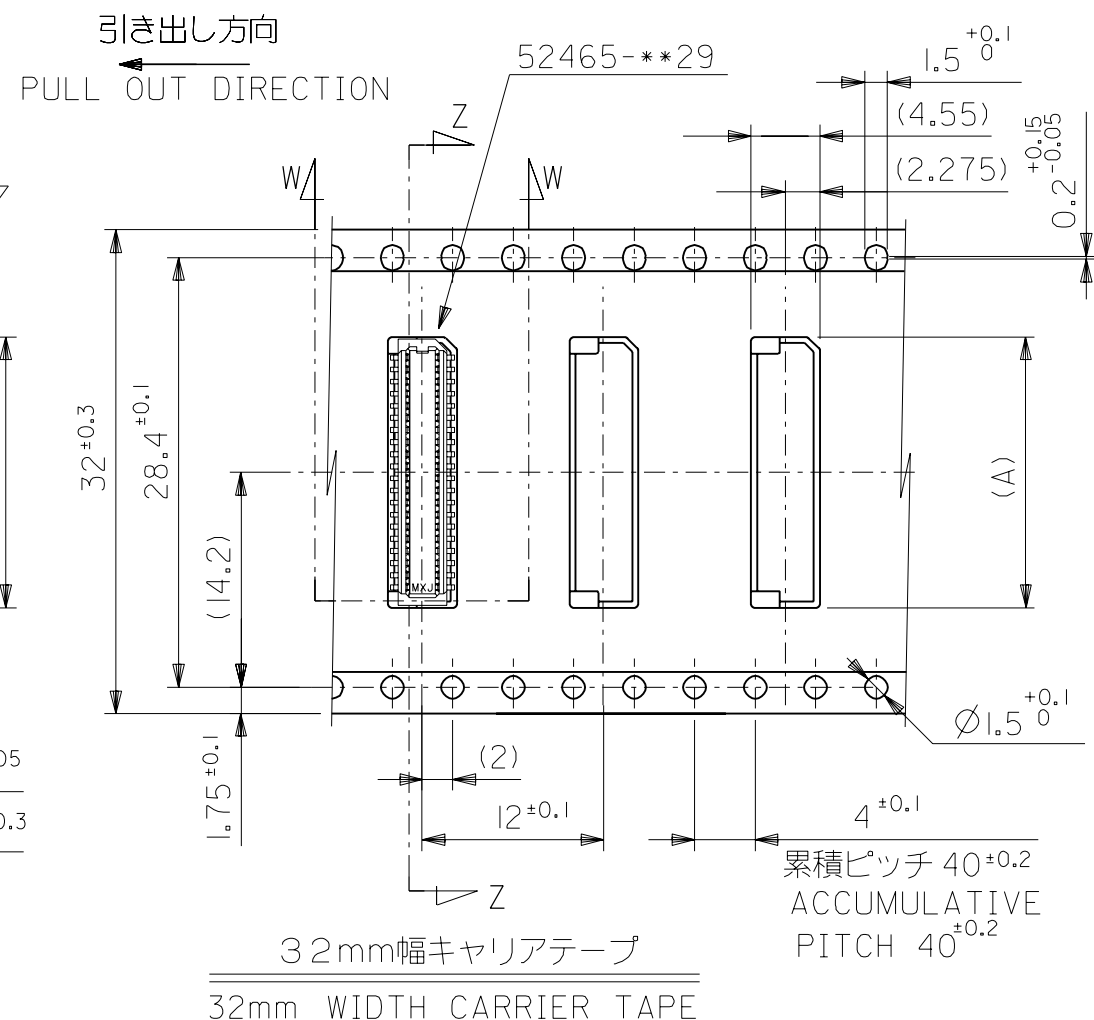
SECT. X-X
(SCALE; 5:1)



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



SECT. Z-Z



32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	33.5	17.9	52465-4071	40
		17.1	52465-3871	38
24	25.5	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
		10.7	52465-2271	22
		9.9	52465-2071	20
キャリアテープ幅 CARRIER TAPE WIDTH	B	(A)	MATERIAL NO.	CIRCUITS