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Part Number: [0524652671](#)
Status: **Active**
Description: 0.80mm (.031") Pitch Board-to-Board Receptacle, Surface Mount, Dual Row, 26 Circuits, Lead-free

Documents:

3D Model	Product Specification PS-52465-014 (PDF)
Drawing (PDF)	Product Specification PS-52465-015 (PDF)
Product Specification PS-52465-010 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Receptacles
Series	52465
Application	Board-to-Board
Product Name	N/A

Physical

Circuits (Loaded)	26
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Mated Height (in)	0.177 In, 0.222 In
Mated Height (mm)	4.50 mm, 5.65 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

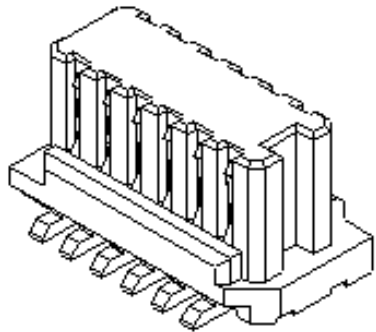
Electrical

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



*Series
image - Reference only*

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

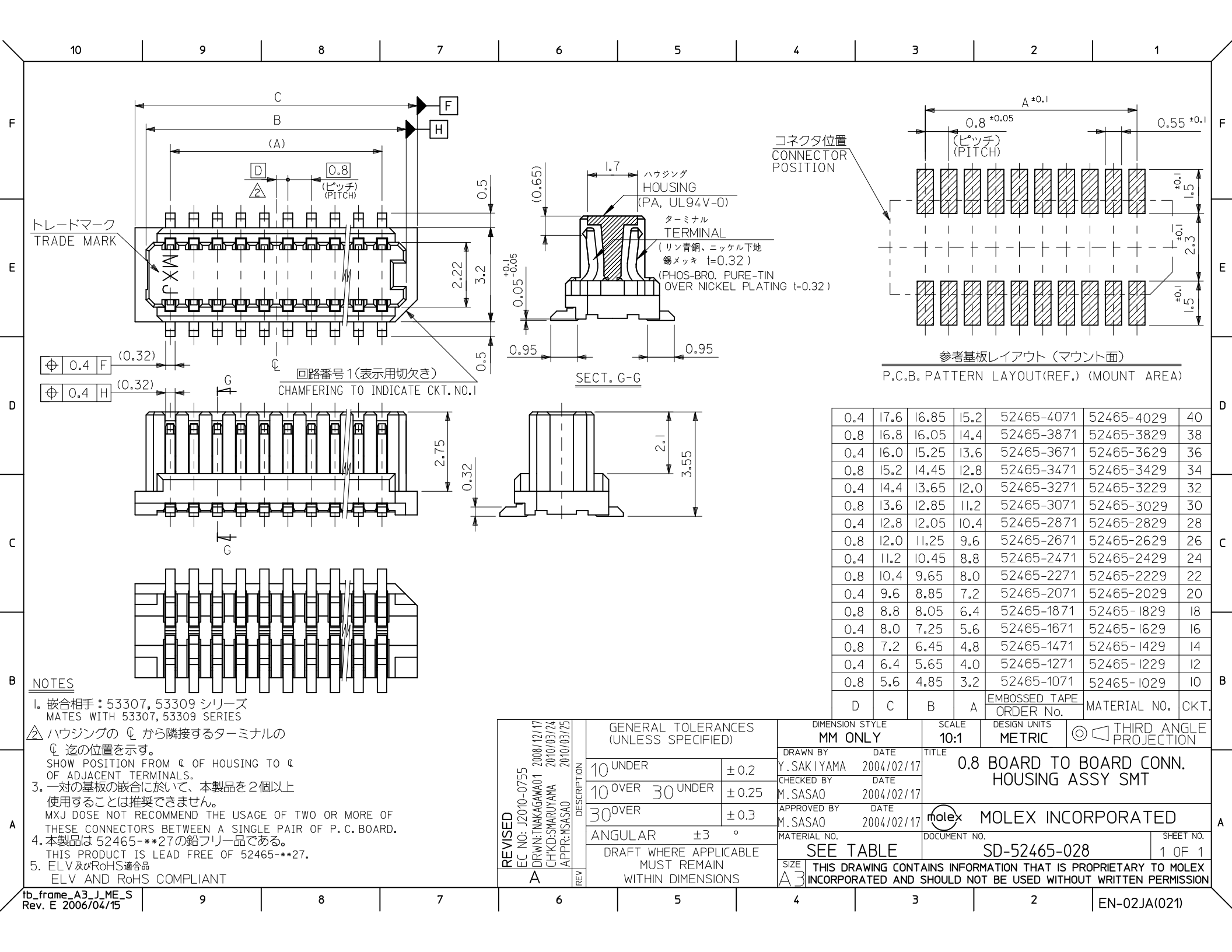
[52465Series](#)

Mates With

[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

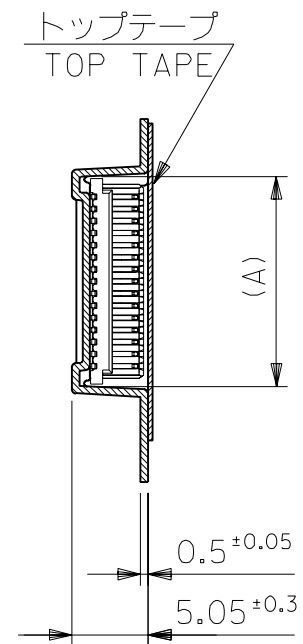
EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	RELEASED '04/02/17 EC NO. J2004-2482 DRWN: Y.SAKIYAMA CH'K: M.SASAO APPR: M.SASAO	DESCRIPTION REV
				0	

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	—//—

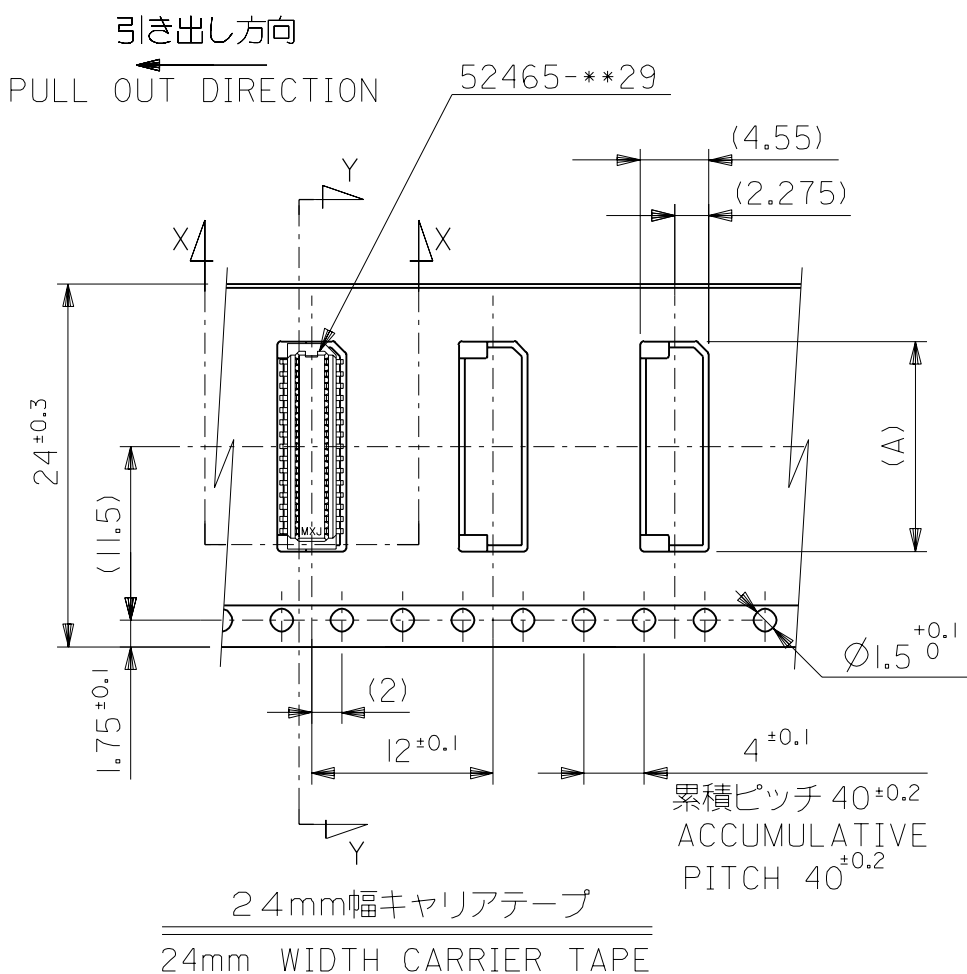
GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	
10 UNDER 未満	±0.2
10 OVER 30 UNDER 以上 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

SCALE —//—	DESIGN UNITS ☒ mm ☐ INCH
DRAWN BY & DATE Y.SAKIYAMA	'04/02/17
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	

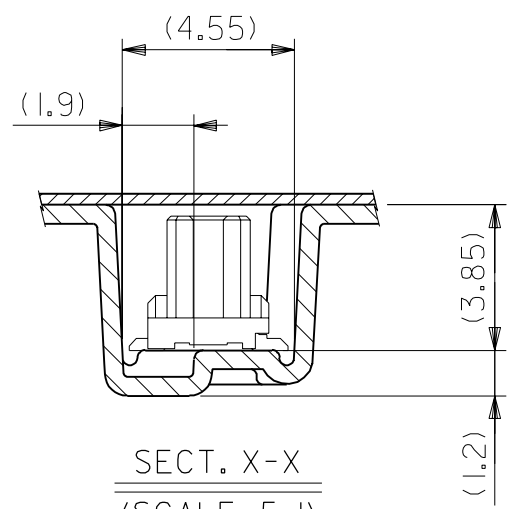
		THIRD ANGLE PROJECTION		☐ mm INCH		☐ INCH mm		☒ mm ONLY		REVISE ON CAD ONLY	
TITLE: 0.8 B-To-B Hsg Assy SMT Embstp Pkg -LEAD FREE-											
molex MOLEX INCORPORATED											
MATERIAL NO. SEE CHART				DRAWING NO. SD-52465-029				SHEET NO. 2 OF 2			
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD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



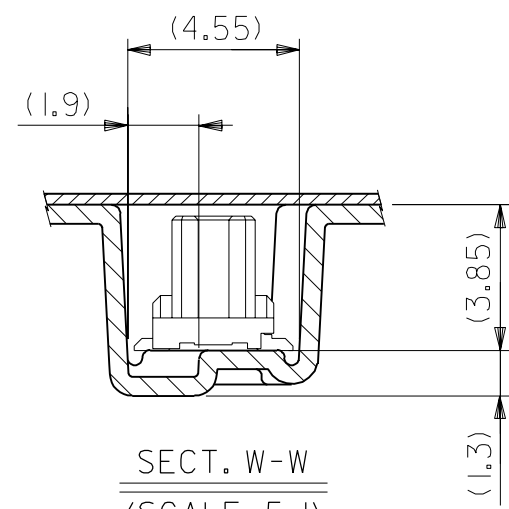
SECT. Y-Y



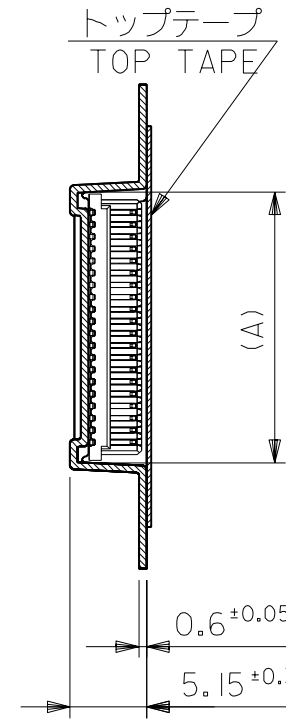
24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE



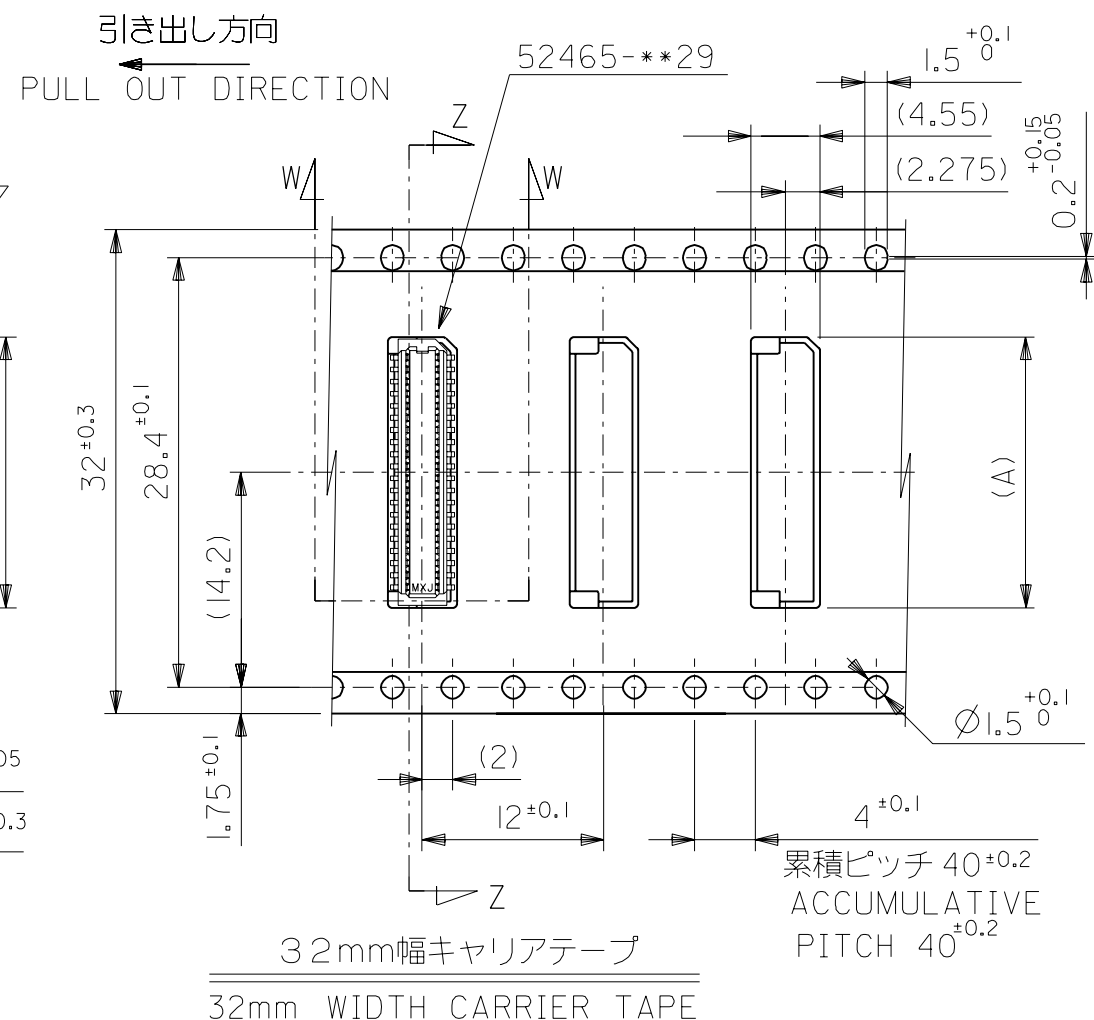
SECT. X-X
(SCALE; 5:1)



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