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Part Number: [0545520402](#)
Status: **Active**
Description: 0.40mm (.016") Pitch Board-to-Board SlimStack™ Receptacle, SMT, Dual Row, with Plastic Pegs, Right Angle, 40 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

[Product Specification PS-54552-023 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Receptacles
Series	54552
Application	Board-to-Board
Product Name	SlimStack™

Physical

Circuits (Loaded)	40
Color - Resin	Brown
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Mated Height (in)	0.167 In, 0.171 In
Mated Height (mm)	4.25 mm, 4.35 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.016 In
Pitch - Mating Interface (mm)	0.40 mm
Polarized to PCB	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

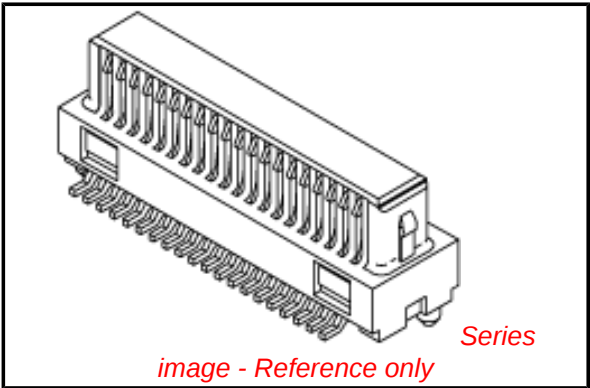
Electrical

Current - Maximum per Contact	0.3A
Voltage - Maximum	30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-54552-017
Product Specification	PS-54552-023
Sales Drawing	SD-54552-023, SD-54552-024



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



Need more information on product environmental compliance?

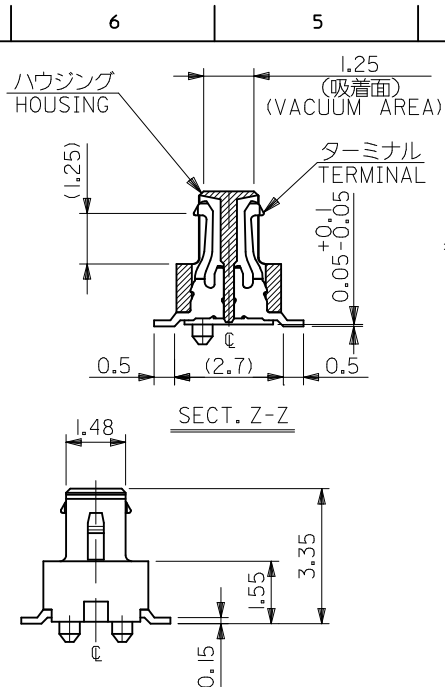
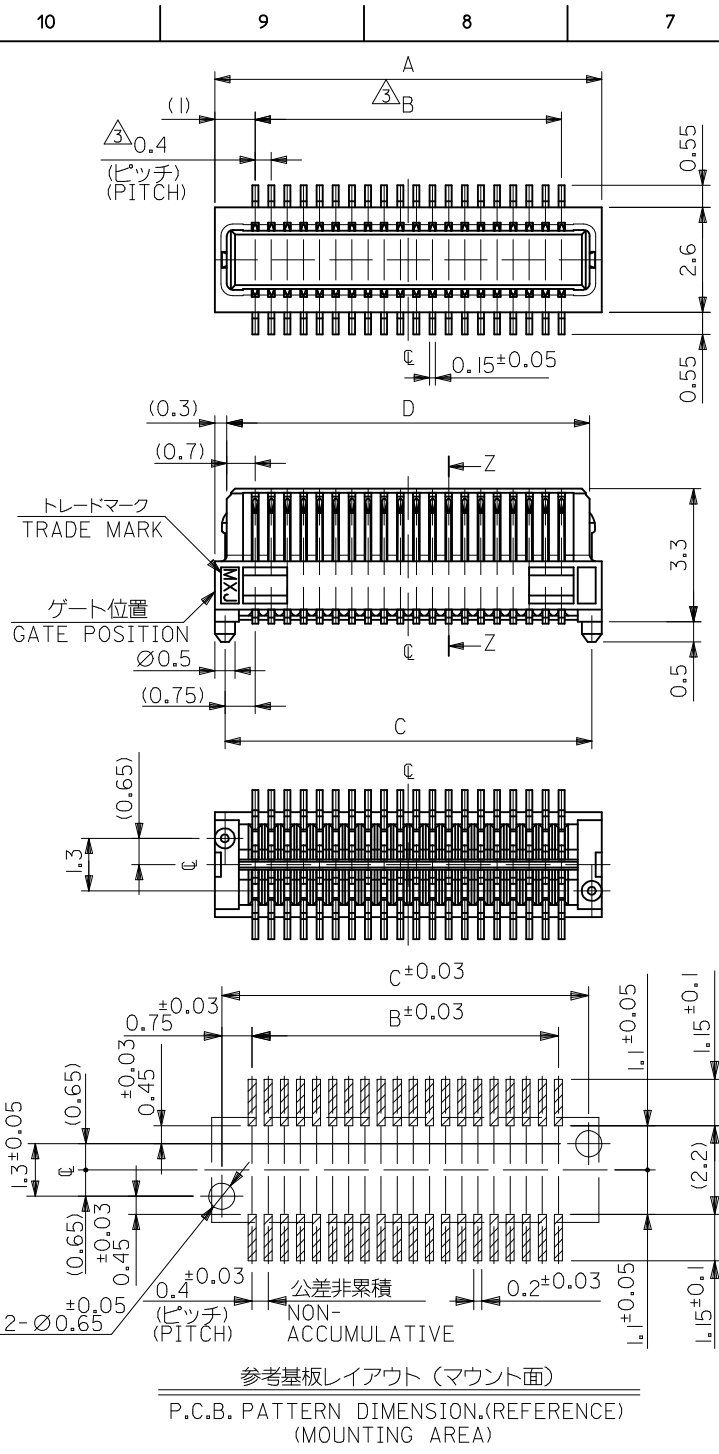
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series
[54552Series](#)

Mates With
[55394](#) PCB Header . [503376](#) PCB Header

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注記 NOTES

- 1. 使用材料 MATERIAL
ハウジング:液晶ポリマー ガラス充填 UL94V-0 茶色
HOUSING:LIQUID CRYSTAL POLYMER, GLASS FILLED, UL94V-0, COLOR BROWN
ターミナル:リン青銅 (t=0.15)
TERMINAL:PHOSPHOR BRONZE (t=0.15)
- 2. メッキ仕様 PLATING
金メッキ (コンタクト部)
GOLD PLATING (CONTACT AREA)
錫メッキ (テール部)
TIN PLATING (TAIL AREA)
下地メッキ:ニッケルメッキ
UNDER PLATING: NICKEL
- △ テール部に適用。
APPLY TO THE TAIL AREA.
- 4. 嵌合相手: 55394 / 503376 シリーズ
MATE WITH: 55394 / 503376 SERIES.
- 5. テール平坦度は、0.08 以下
TAIL COPLANARITY TO BE 0.08 MAXIMUM
- 6. ELV 及び RoHS 適合品
ELV AND RoHS COMPLIANT

23.0	23.1	21.6	23.6	54552-1102	54552-1100	110
19.0	19.1	17.6	19.6	54552-0902	54552-0900	90
9.0	9.1	7.6	9.6	54552-0402	54552-0400	40
7.8	7.9	6.4	8.4	54552-0342	54552-0340	34
7.0	7.1	5.6	7.6	54552-0302	54552-0300	30
D	C	B	A	EMBOSSD TAPE	MATERIAL No.	CKT.
ORDER No. オークター番号				MODEL No. : 54552-***0		

REVISED

EC NO: J2009-2156

DRWN:MTAKASAKI 2009/03/26

CHKD:THARUYAMA 2009/03/27

APPR:NUKITA 2009/03/30

DESCRIPTION

REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER ±0.2

10 OVER 30 UNDER ±0.25

30 OVER ±0.3

ANGULAR ±3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY N. AIDA

DATE '05/02/03

CHECKED BY K. TOYODA

DATE '05/02/03

APPROVED BY N. UKITA

DATE '05/02/03

MATERIAL NO.

SEE TABLE

SIZE A3

SCALE ---

DESIGN UNITS METRIC

THIRD ANGLE PROJECTION

0.4 B/B CONN RA REC HSG ASSY

MOLEX INCORPORATED

SD-54552-023

1 OF 1

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10

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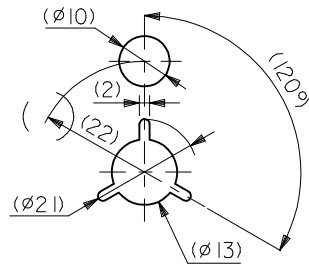
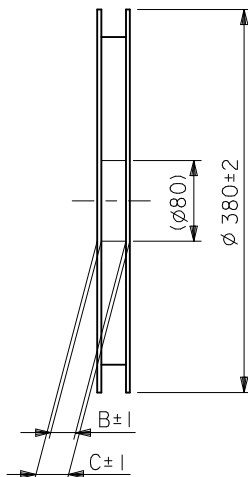
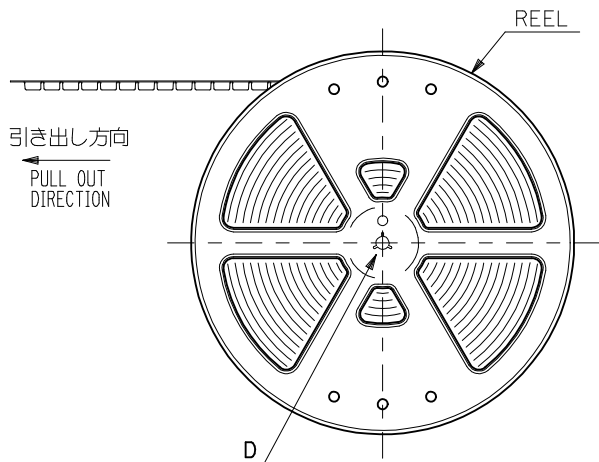
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2

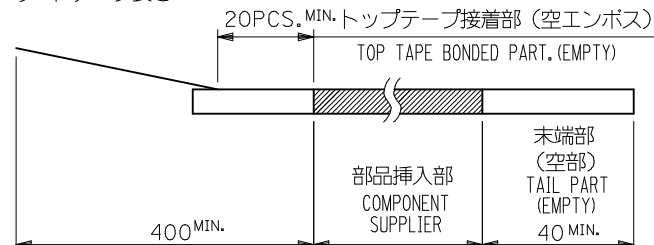
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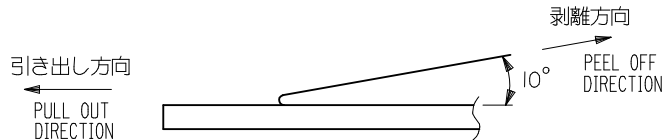
- 製品詳細寸法については SD-54552-023 を参照下さい。
RE DETAILED DIMENSION, SEE SD-54552-023.
- 梱包数量：1500個/リール
NUMBER OF CONNECTORS：1500PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



DETAIL D

引き出し方向
PULL OUT
DIRECTION

- 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こと。)
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.



- 材料(MATERIAL)
キャリアテープ (CARRIER TAPE)：ポリプロピレン (POLYPROPYLENE)
トップテープ (TOPTAPE)：PET , PE , PEF
リール (REEL)：ポリスチレン (P S) <リサイクル材を含む>
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
- ELV及びRoHS適合品
ELV AND RoHS COMPLIANT

54552-1102	110
54552-0902	90
54552-0402	40
54552-0342	34
54552-0302	30
MATERIAL NO.	極数 CIRCUITS

REVISED EC NO: J2009-2156 DRWN:MTAKASAKI CHKD:THARUYAMA APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER ±0.2	N. AIDA '05/02/03	TITLE EMBSTP PKG FOR 0.4 B/B CONN RA REC HSG ASSY					
		10 OVER 30 UNDER ±0.25	CHECKED BY DATE K. TOYODA '05/02/03						
		30 OVER ±0.3	APPROVED BY DATE N. UKITA '05/02/03	MOLEX INCORPORATED					
		ANGULAR ±3 °	MATERIAL NO.				DOCUMENT NO.	SHEET NO.	
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-54552-024		1 OF 4	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

9

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7

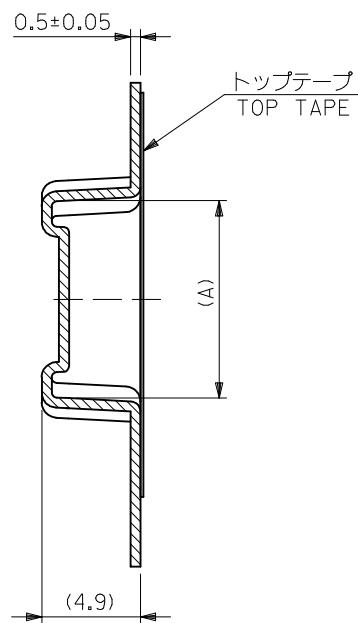
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5

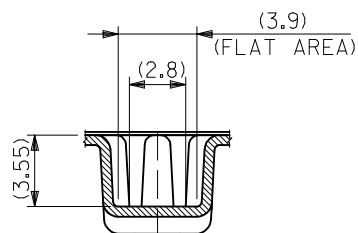
4

3

2

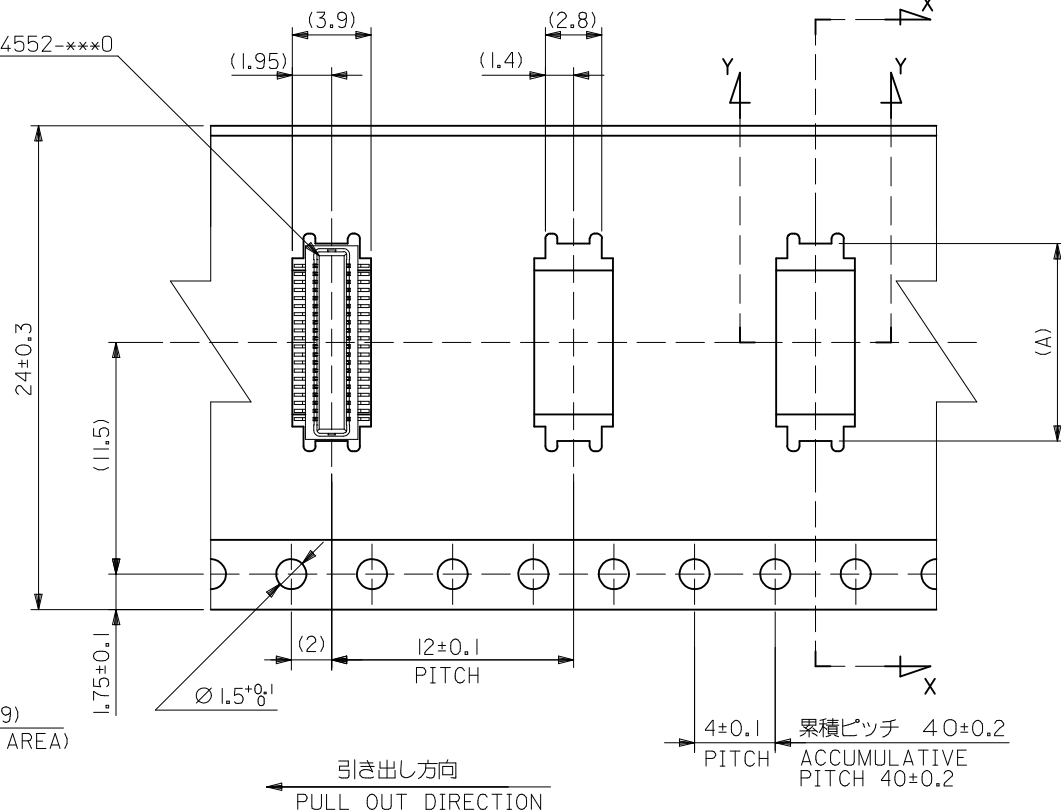


SECT X-X



SECT Y-Y

54552-***0



24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

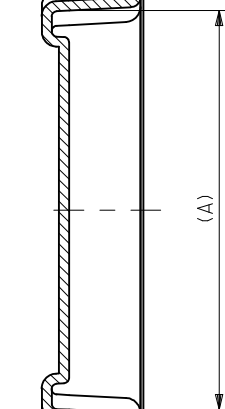
24	29.4	25.4	9.8	54552-0402	40
			8.6	54552-0342	34
			7.8	54552-0302	30
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	極数 CIRCUITS

MODEL NO. 54552-***2

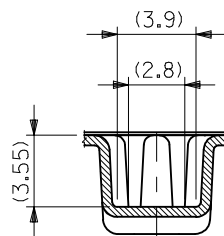
THIRD ANGLE PROJECTION

REVISED EC NO: J2009-2156 DRWN:MTAKASAKI 2009/03/26 CHKD:THARUYAMA 2009/03/27 APPR:NUKITA 2009/03/30	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	CELL NO.: 04552-XXXZ THIRD ANGLE PROJECTION	
		10 UNDER	±0.2	DRAWN BY N. AIDA	DATE '05/02/03	TITLE EMBSTP PKG FOR 0.4 B/B CONN RA REC HSG ASSY			
		10 OVER 30 UNDER	±0.25	CHECKED BY K. TOYODA	DATE '05/02/03				
		30 OVER	±0.3	APPROVED BY N. UKITA	DATE '05/02/03	MOLEX MOLEX INCORPORATED			
		ANGULAR ±3 °		MATERIAL NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-54552-024		2 OF 4	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

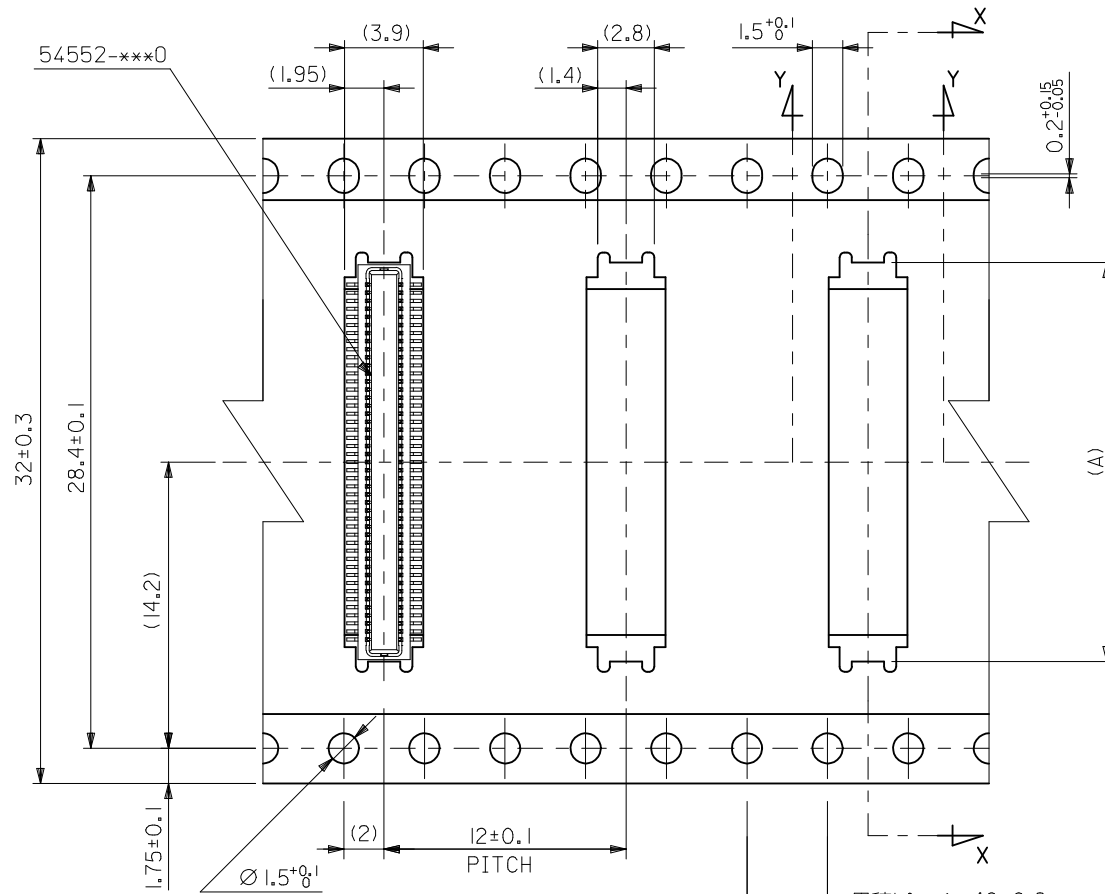
0.5±0.05
トップテープ
TOP TAPE



SECT X-X



SECT Y-Y



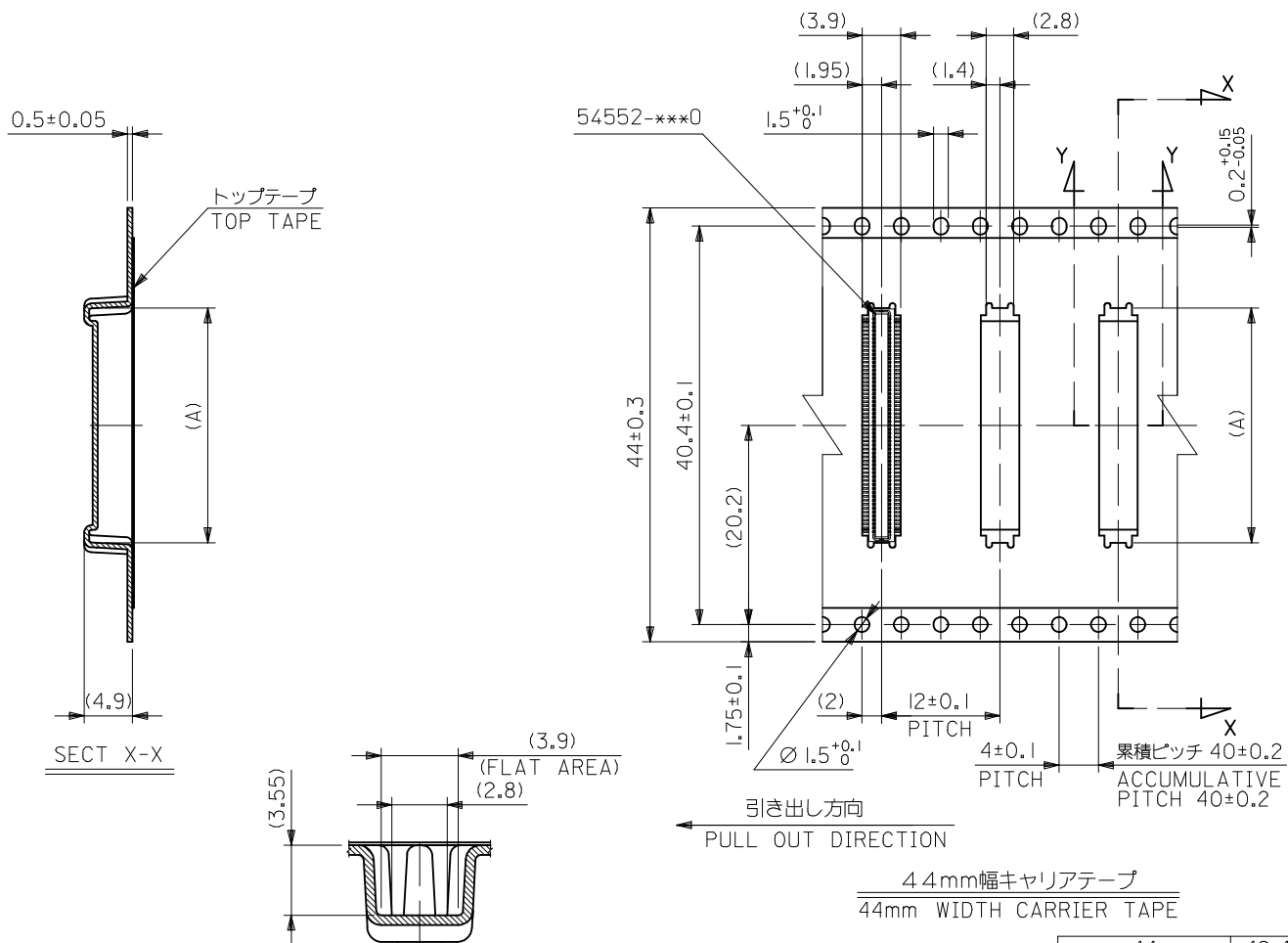
引き出し方向
PULL OUT DIRECTION
32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	37.4	33.4	19.8	54552-0902	90
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL. NO.	極数 CIRCUIT

MODEL NO. 54552-***2

THIRD ANGLE PROJECTION

REVISED EC NO: J2009-2156 DRWN:MTAKASAKI 2009/03/26 CHKD:THARUYAMA 2009/03/27 APPR:NUKITA 2009/03/30	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	± 0.2	DRAWN BY N. AIDA	DATE '05/02/03	TITLE EMBSTP PKG FOR 0.4 B/B CONN RA REC HSG ASSY		
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOYODA	DATE '05/02/03			
		30 OVER	± 0.3	APPROVED BY N. UKITA	DATE '05/02/03	 MOLEX INCORPORATED		
		ANGULAR ±3 °		MATERIAL NO.				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-54552-024		3 OF 4	
C	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



44	49.4	45.4	23.8	54552-1102	110
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	極数 CIRCUITS

REVISED EC NO: J2009-2156 DRWN:MTAKASAKI 2009/03/26 CHKD:THARUYAMA 2009/03/27 APPR:NUKITA 2009/03/30	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	MODEL NO. 54552-***2	THIRD ANGLE PROJECTION
		10 UNDER	±0.2	DRAWN BY N. AIDA	DATE '05/02/03	TITLE EMBSTP PKG FOR 0.4 B/B CONN RA REC HSG ASSY			
		10 OVER 30 UNDER	±0.25	CHECKED BY K. TOYODA	DATE '05/02/03				
		30 OVER	±0.3	APPROVED BY N. UKITA	DATE '05/02/03	MOLEX INCORPORATED			
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
	REV	C	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-54552-024		4 OF 4
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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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.

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

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