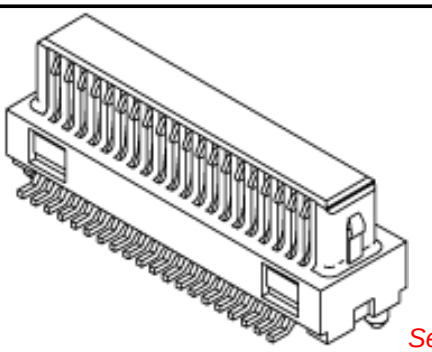
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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0545520902

Status: Active

Description: 0.40mm (.016") Pitch Board-to-Board SlimStack™ Receptacle, SMT, Dual Row, with Plastic Pegs, Right Angle, 90 Circuits



Series image - Reference only

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)	90
Color - Resin	Brown
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Mated Height (in)	0.167 In
Mated Height (mm)	4.25 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

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

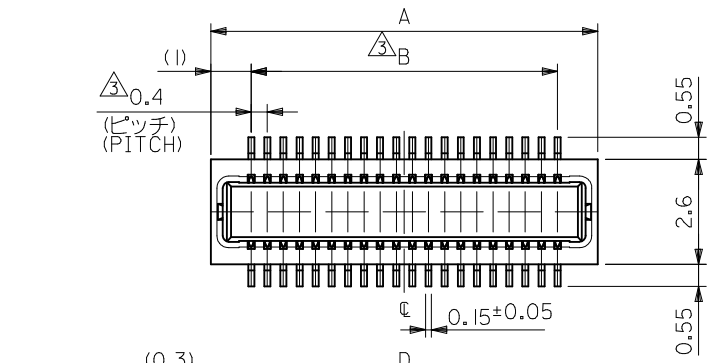
Please visit the Contact Us section for any non-product compliance questions.

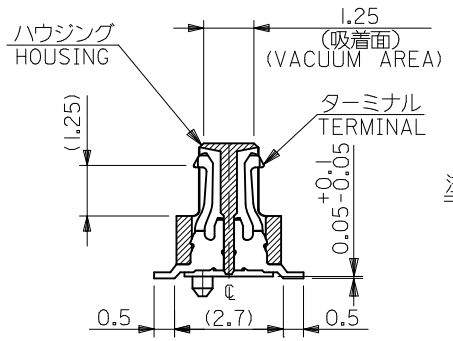
Search Parts in this Series
54552Series

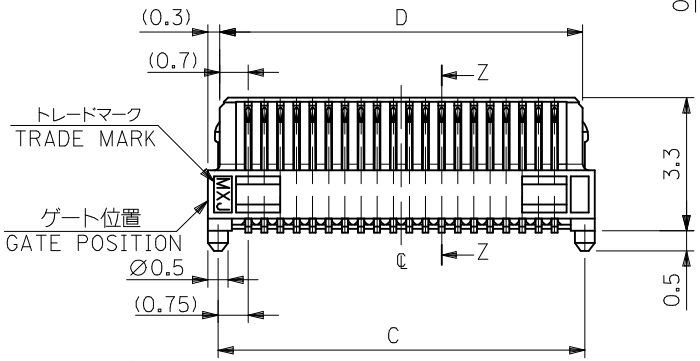
Mates With
55394 PCB Header

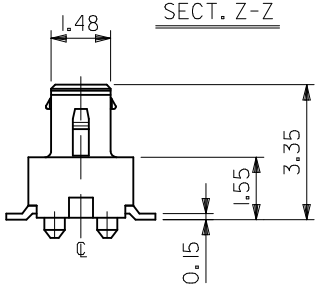
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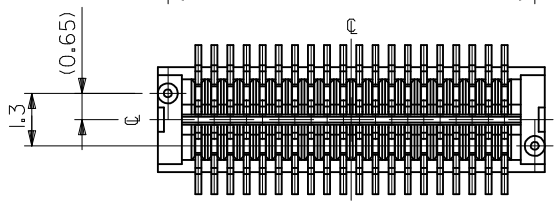
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

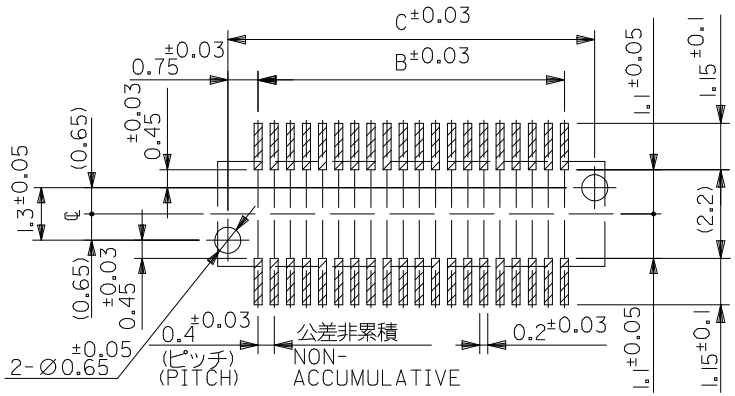












参考基板レイアウト（マウント面）
P.C.B. PATTERN DIMENSION.(REFERENCE)
(MOUNTING AREA)

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
3. △3 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 0.08MAXIMUM
6. ELV及びRoHS適合品
   ELV AND RoHS COMPLIANT

D	C	B	A	EMBOSSED TAPE	MATERIAL No.	CKT.
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
				ORDER No. オーダー番号	MODEL No. : 54552-×××0	

REVISED
EC NO: J2009-2156 2009/03/26
DRWN:MTAKASAKI 2009/03/27
CH'KD:THARUYAMA
APPR:NUKITA 2009/03/30
DESCRIPTION
REV C

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
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

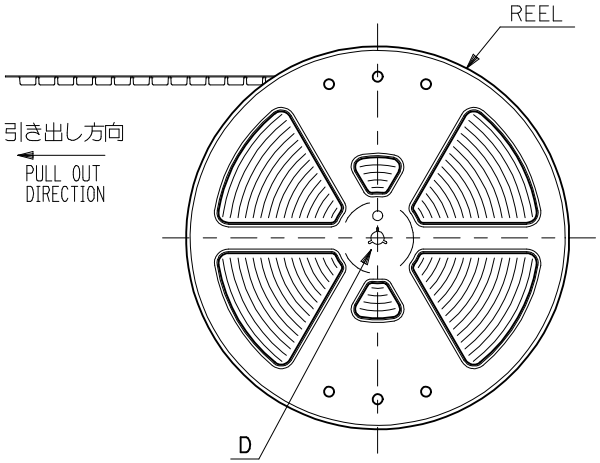
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CHECKED BY: K.TOYODA DATE: '05/02/03
APPROVED BY: N.UKITA DATE: '05/02/03

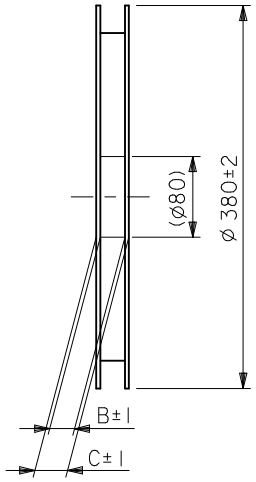
TITLE: 0.4 B/B CONN RA REC HSG ASSY

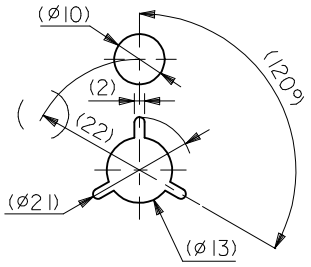
MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-54552-023
SHEET NO.: 1 OF 1
SIZE: A3

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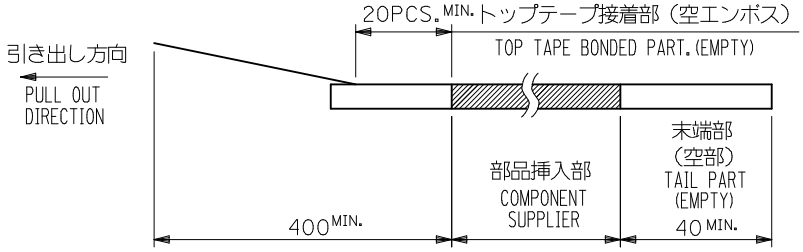




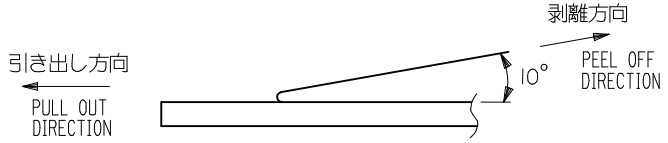
DETAIL D

NOTES

1. 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.
2. 梱包数量：１５００個／リール
   NUMBER OF CONNECTORS : 1500PCS/REEL
3. リードテープ長さ LEAD TAPE LENGTH



4. 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.



5. 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（PS） <リサイクル材を含む>
   POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
6. ELV及びRoHS適合品
   ELV AND RoHS COMPLIANT

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

MODEL NO. 54552-***2

REVISED
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DESCRIPTION
REV C

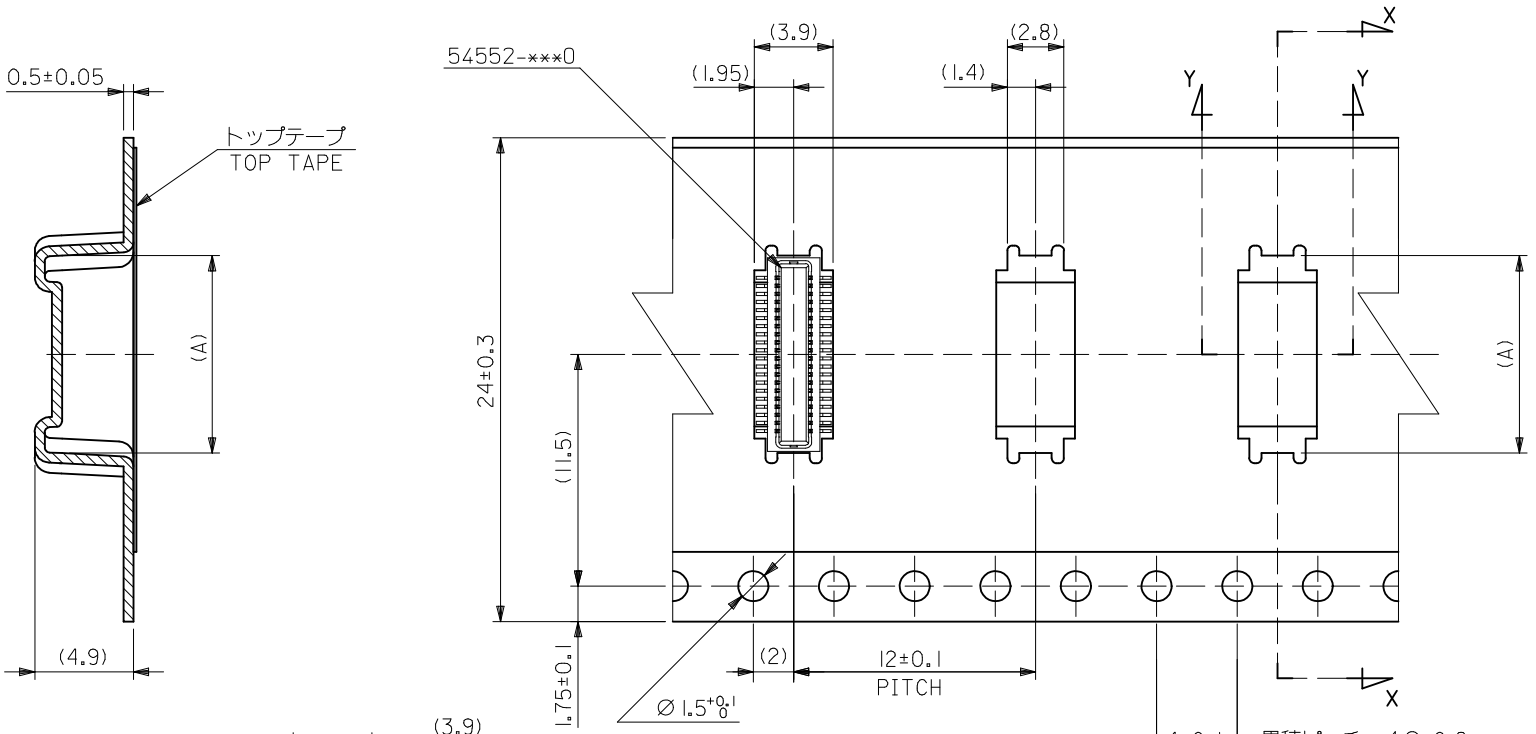
GENERAL TOLERANCES (UNLESS SPECIFIED)

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
SCALE	---
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
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
TITLE	EMBSTP PKG FOR 0.4 B/B CONN RA REC HSG ASSY
	MOLEX INCORPORATED
DOCUMENT NO.	SD-54552-024
SHEET NO.	1 OF 4
SIZE	A3

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24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

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

MODEL NO. 54552-***2

REVISED
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ANGULAR	±3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

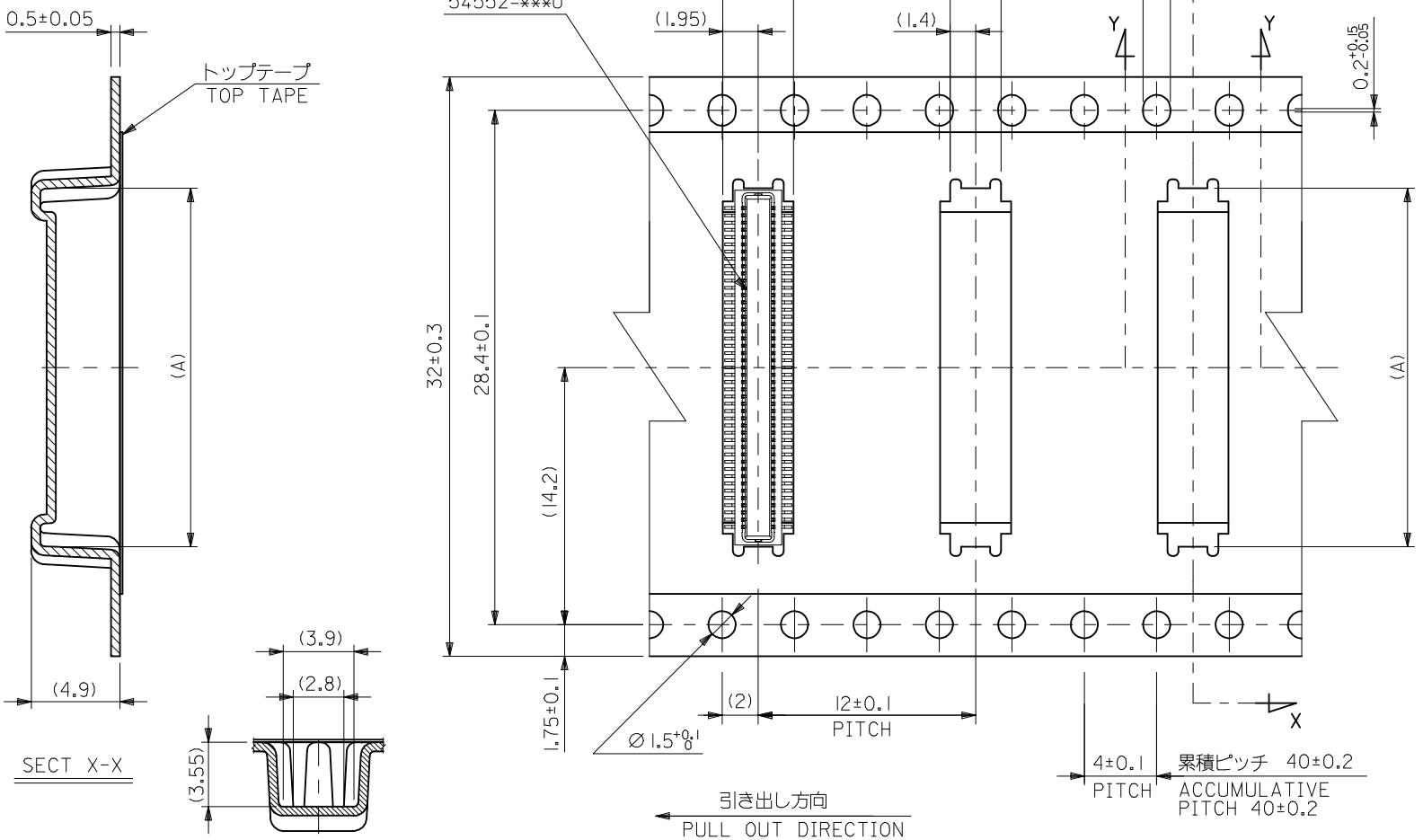
DRAWN BY: N.AIDA DATE: '05/02/03
CHECKED BY: K.TOYODA DATE: '05/02/03
APPROVED BY: N.UKITA DATE: '05/02/03

TITLE: EMBSTP PKG FOR 0.4 B/B CONN RA REC HSG ASSY

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MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-54552-024
SHEET NO.: 2 OF 4
SIZE: A3

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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

REVISED
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DRWN:MTAKASAKI 2009/03/26
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APPR:NUKITA 2009/03/30
DESCRIPTION
REV C

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
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

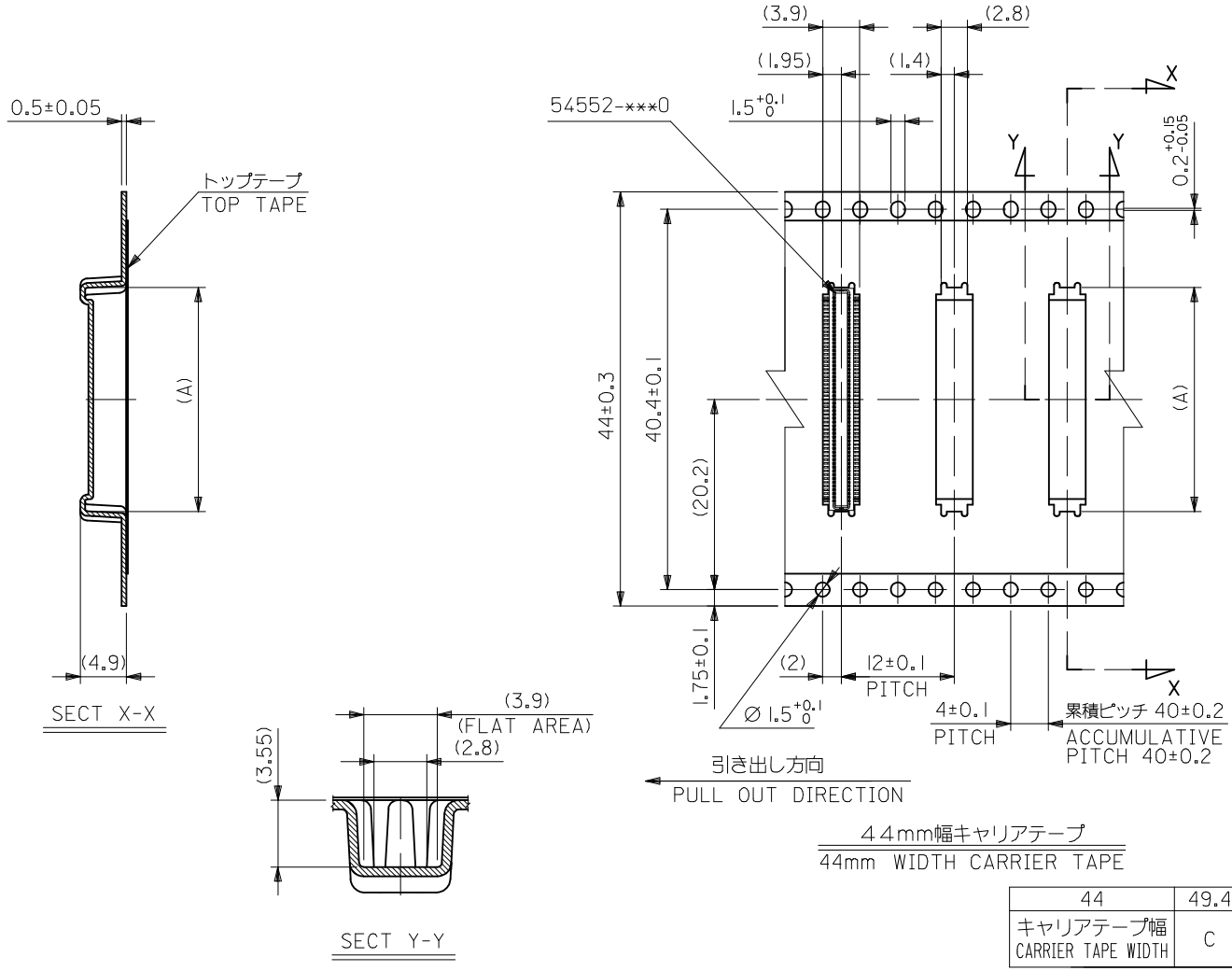
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APPROVED BY: N.UKITA DATE: '05/02/03

TITLE: EMBSTP PKG FOR 0.4 B/B CONN RA REC HSG ASSY

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MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-54552-024
SHEET NO.: 3 OF 4
SIZE: A3

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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

MODEL NO. 54552-***2

REVISED
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APPR:NUKITA
DESCRIPTION
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: N.AIDA DATE: '05/02/03
CHECKED BY: K.TOYODA DATE: '05/02/03
APPROVED BY: N.UKITA DATE: '05/02/03

TITLE: EMBSTP PKG FOR 0.4 B/B CONN RA REC HSG ASSY

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MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-54552-024
SHEET NO.: 4 OF 4
SIZE: A3

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