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Part Number: [5024262410](#)
Status: **Active**
Overview: [SlimStack™](#)
Description: 0.40mm (.016") Pitch SlimStack™ Board-to-Board Receptacle, SMT, Dual Row, Vertical, 1.00mm (.039") Stacking Height, With Solder Tabs, 24 Circuits

Documents:

[3D Model](#) [Product Specification PS-502426-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family PCB Receptacles
Series [502426](#)
Application Board-to-Board
Overview [SlimStack™](#)
Product Name SlimStack™

Physical

Circuits (Loaded) 24
Color - Resin Black
Durability (mating cycles max) 30
Glow-Wire Compliant No
Lock to Mating Part Yes
Mated Height (in) 0.039 In
Mated Height (mm) 1.00 mm
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Gold
Number of Rows 2
Orientation Vertical
PCB Locator No
PCB Retention Yes
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface (in) 0.016 In
Pitch - Mating Interface (mm) 0.40 mm
Polarized to Mating Part No
Polarized to PCB No
Stackable No
Temperature Range - Operating -25°C to +85°C
Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 0.3A
Voltage - Maximum 50V AC/DC

Material Info

Reference - Drawing Numbers

Application Specification AS-502426-001
Product Specification PS-502426-001, RPS-502426-009, RPS-502426-014,
RPS-502426-019, RPS-502426-024
Sales Drawing SD-502426-001, SD-502426-002

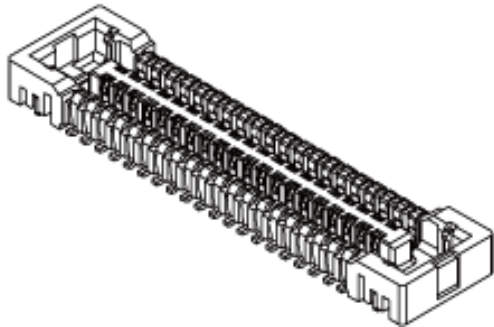


image - Reference only

Series

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](#)

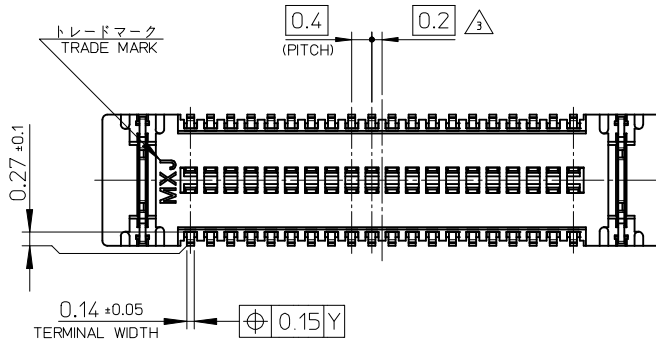
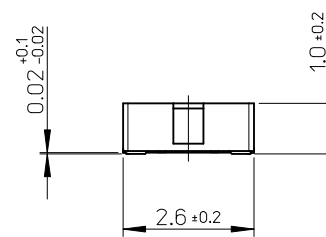
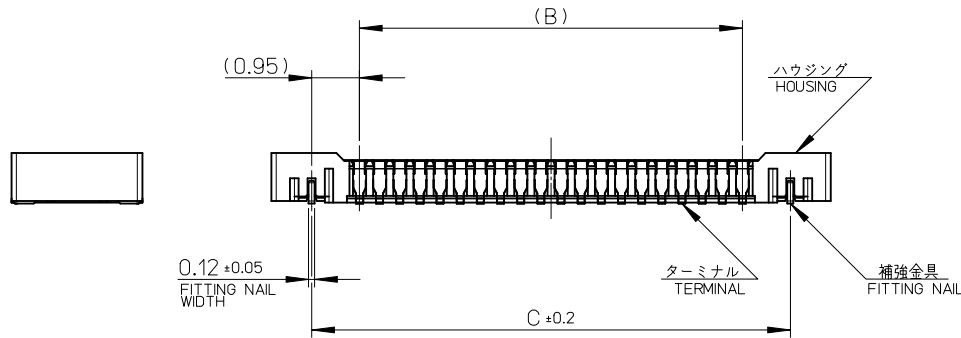
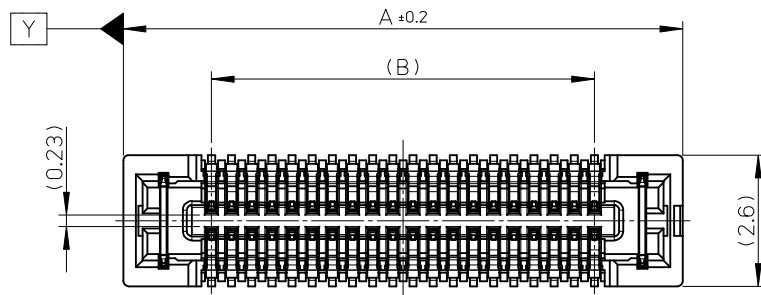
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[502426Series](#)

Mates With

[502430](#) PCB Header



17.5	15.6	19.1	502426-8010	80
14.3	12.4	15.9	502426-6410	64
13.5	11.6	15.1	502426-6010	60
11.5	9.6	13.1	502426-5010	50
10.3	8.4	11.9	502426-4410	44
9.5	7.6	11.1	502426-4010	40
8.3	6.4	9.9	502426-3410	34
7.9	6.0	9.5	502426-3210	32
7.5	5.6	9.1	502426-3010	30
6.7	4.8	8.3	502426-2610	26
6.3	4.4	7.9	502426-2410	24
5.9	4.0	7.5	502426-2210	22
5.5	3.6	7.1	502426-2010	20
4.3	2.4	5.9	502426-1410	14
C	B	A	EMBOSSED PACKAGE オーダー番号 ORDER No.	極数 CIRCUITS

REVISED
EC NO: J2010-0990
DRWN: TSUZUKI 01 2009/11/09
CHKD: THIRATA 2009/11/09
APPR: MSASAO 2009/11/10

DESCRIPTION
REV

GENERAL TOLERANCES
(UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY RTAKEUCHI
DATE 2007/10/03
CHECKED BY MSASAO
DATE 2007/10/03
APPROVED BY MSASAO
DATE 2007/10/03
MATERIAL NO.
SEE TABLE
SIZE A3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE 10:1
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
TITLE 0.4 B-TO-B CONN. HGT=1.0
W=2.6 REC ASSY
DOCUMENT NO. SD-502426-001
SHEET NO. 1 OF 2

CONNECTOR SERIES No. 502426-**19
MOLEX INCORPORATED

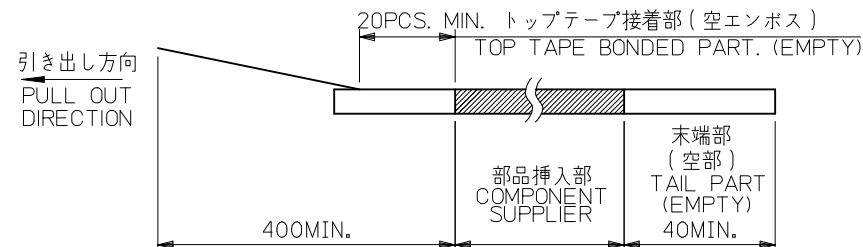


ただし、斜線部に補強金具と同一配線を配置する場合はレジストを施し、この部分に半田は無きこと。
NO PATTERN CIRCUIT AND NO SOLDER ALLOWED IN THE SHADED AREA.
HOWEVER, IF NEEDED TO ADD A TRACE OF THE SAME CIRCUIT, PUT THE SOLDER-RESIST,
YET NO SOLDER ALLOWED IN THE AREA.

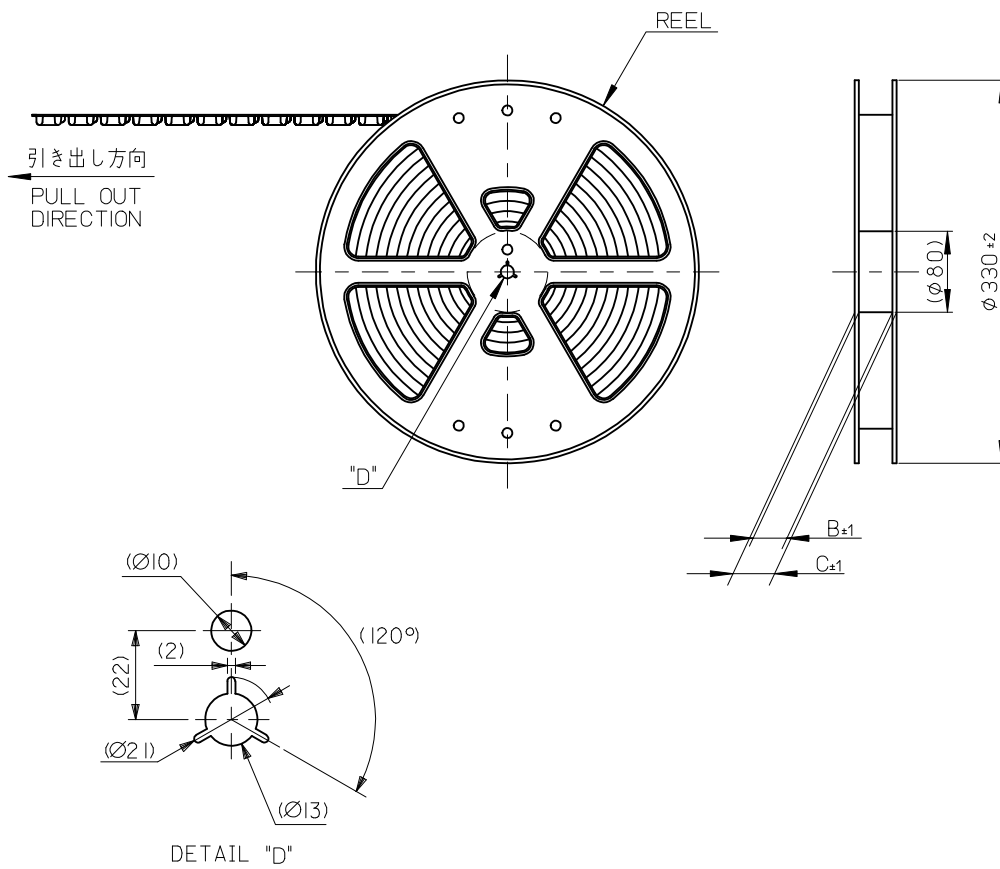
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Rev. E 2006/04/15

注記 NOTES

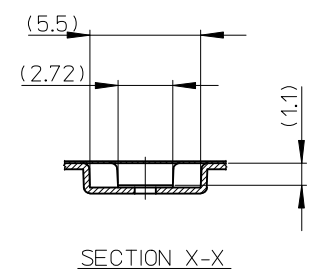
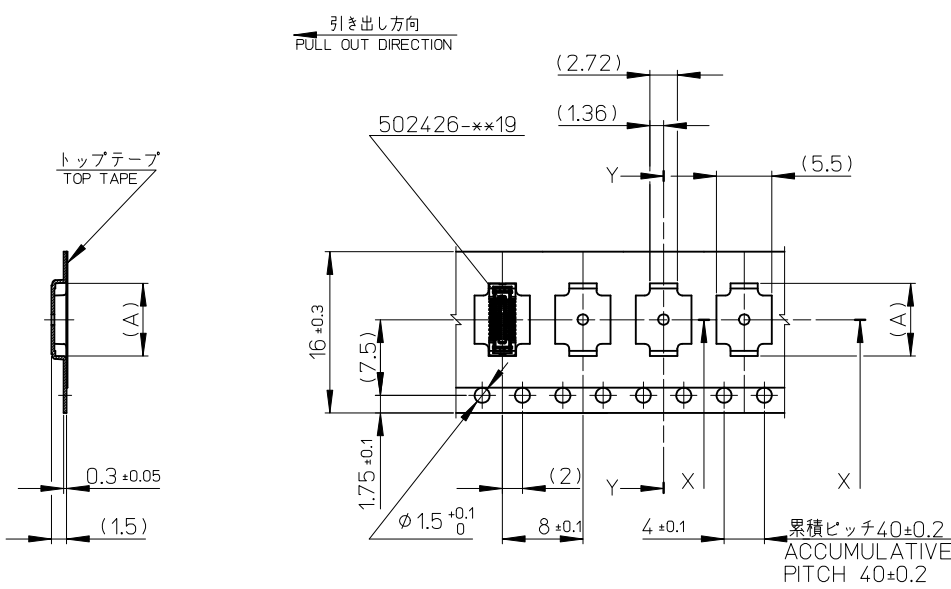
- 製品詳細寸法については製品単体図面を参照下さい。
RE DETAILED DIMENSION, SEE PRODUCT DRAWING.
- 梱包数量 : 3000 個/リール
NUMBER OF CONNECTORS : 3000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



- 材料 MATERIAL
キャリアテープ (CARRIER TAPE) : ポリスチレン (POLYSTYRENE)
トップテープ (TOP TAPE) : PET , OTHER
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>
- ELV 及び RoHS適合品
ELV AND RoHS COMPLIANT



REVISED	EC NO: J2010-0990 DRWN: TSUZUKI 01 CHKD: THIRATA APPR: MSASAO	2009/11/09 2009/11/09 2009/11/10	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	TEL NO. 502426-002 THIRD ANGLE PROJECTION	
				10 UNDER ± ---		DRAWN BY DATE RTAKEUCHI 2007/10/03		TITLE 0.4 B-TO-B CONN. HGT=1.0 REC ASSY EMBSTP PKG			
				10 OVER 30 UNDER ± ---		CHECKED BY DATE MSASAO 2007/10/03					
				30 OVER ± ---		APPROVED BY DATE MSASAO 2007/10/03					
				ANGULAR ± --- °		MOLEX MOLEX INCORPORATED		DOCUMENT NO.		SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502426-002		1 OF 4	
H	REV			SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

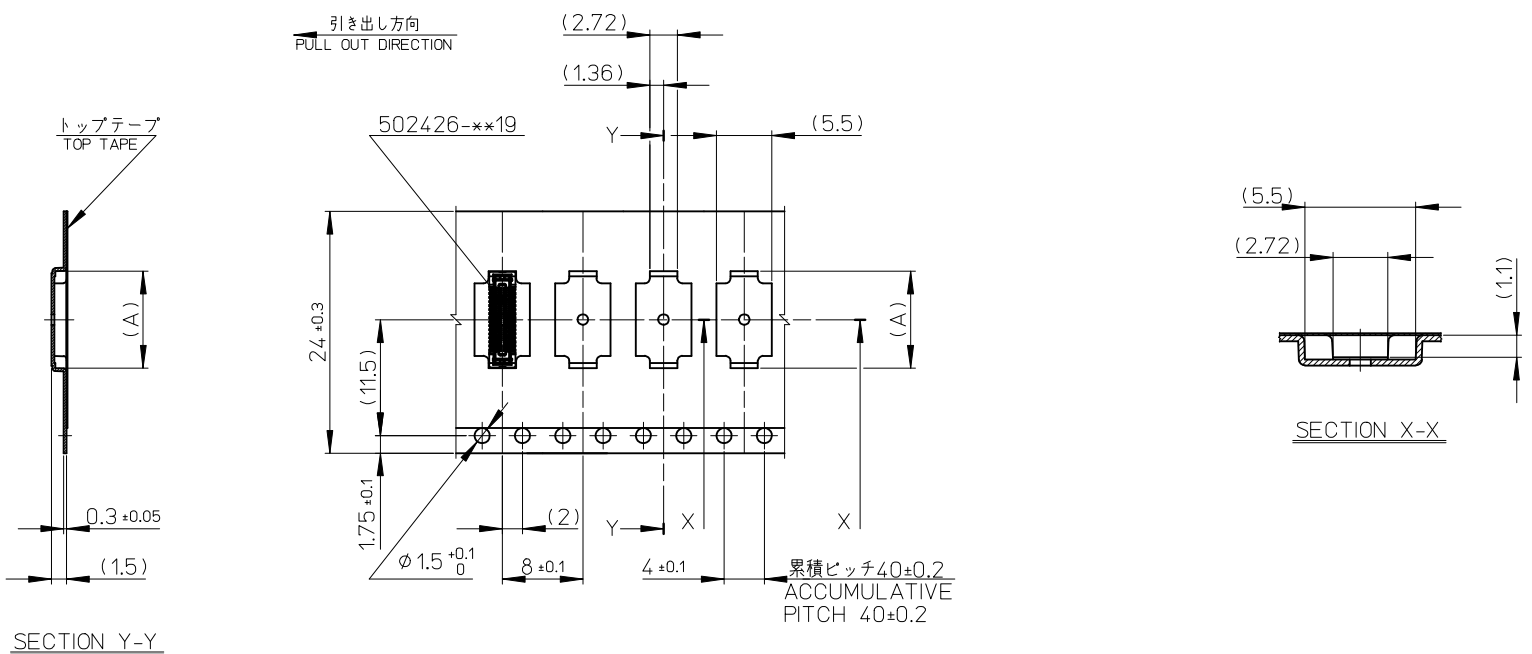


SECTION Y-Y

16mm 幅キャリアテープ
16mm WIDTH CARRIER TAPE

16	21.4	17.4	8.42	502426-2610		26
			8.02	502426-2410		24
			7.62	502426-2210		22
			7.22	502426-2010		20
			6.02	502426-1410		14
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL No.		CKT.
				MODEL No.	502426-**10	

REVISED EC NO: J2010-0990 DRWN: TSUZUKI 01 CHKD: THIRATA APPR: MSASAO 2009/11/09 2009/11/09 2009/11/10	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		10 UNDER ± ---		DRAWN BY RTAKEUCHI		DATE 2007/10/03		TITLE 0.4 B-TO-B CONN. HGT=1.0 REC ASSY EMBSTP PKG			
		10 OVER 30 UNDER ± ---		CHECKED BY MSASAO		DATE 2007/10/03					
		30 OVER ± ---		APPROVED BY MSASAO		DATE 2007/10/03		MOLEX INCORPORATED			
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502426-002				2 OF 4	
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



24mm 幅キャリアテープ
24mm WIDTH CARRIER TAPE

24	29.4	25.4	16.02	502426-6410		64
			15.22	502426-6010		60
			13.22	502426-5010		50
			12.02	502426-4410		44
			11.22	502426-4010		40
			10.02	502426-3410		34
			9.62	502426-3210		32
			9.22	502426-3010		30
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL No.		CKT.
				MODEL No.	502426-**10	

REVISED

EC NO: J2010-0990

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(UNLESS SPECIFIED)

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ANGULAR ± --- °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY RTAKEUCHI

CHECKED BY MSASAO

APPROVED BY MSASAO

DATE 2007/10/03

DATE 2007/10/03

DATE 2007/10/03

MATERIAL NO.

SIZE A3

SCALE ---

DESIGN UNITS METRIC

THIRD ANGLE PROJECTION

TITLE 0.4 B-TO-B CONN. HGT=1.0
REC ASSY EMBSTP PKG

MOLEX INCORPORATED

DOCUMENT NO. SD-502426-002

SHEET NO. 3 OF 4

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

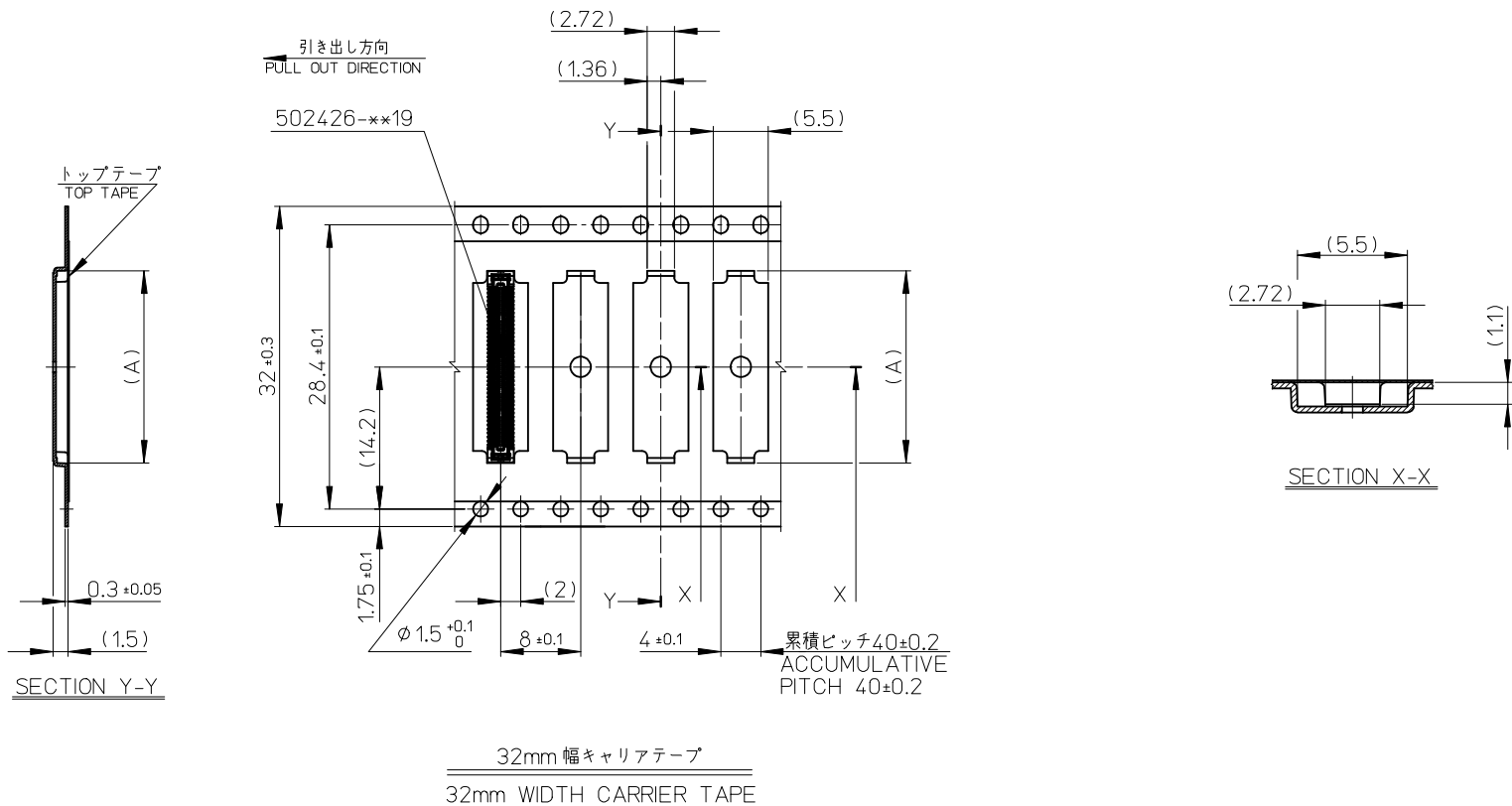
E

D

C

B

A



32	37.4	33.4	19.22	502426-8010	80
キャリアテープ幅 CARRIER TAPE WIDTH		C	B	(A)	MODEL No. 502426-**10

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		10 OVER 30 UNDER ± ---		CHECKED BY DATE MSASAO 2007/10/03					
		30 OVER ± ---		APPROVED BY DATE MSASAO 2007/10/03		MOLEX MOLEX INCORPORATED			
		ANGULAR ± --- °		MATERIAL NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		DOCUMENT NO. SD-502426-002		SHEET NO. 4 OF 4	
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			