

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5024262030

Status:

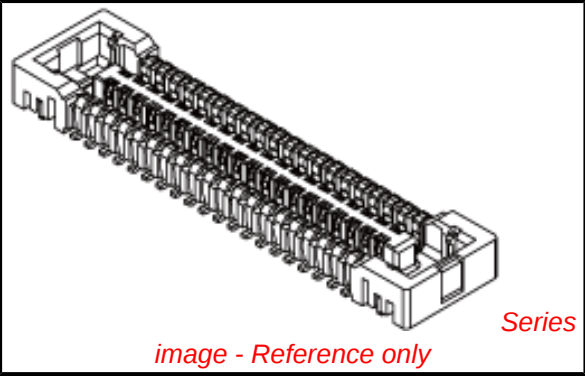
Active

Overview:

SlimStack™

Description:

0.40mm (.016") Pitch SlimStack™ Board-to-Board Receptacle, SMT, Dual Row, Vertical, 1.00mm (.039") Stacking Height, With Solder Tabs, with Vacuum Tape, 20 Circuits



Documents:

3D Model

Drawing (PDF)

Product Specification PS-502426-001 (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)	20
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
Packaging Specification	SPK-502426-001
Product Specification	PS-502426-001, RPS-502426-010, RPS-502426-011, RPS-502426-013, RPS-502426-014, RPS-502426-015, RPS-502426-017, RPS-502426-019
Sales Drawing	SD-502426-003, SD-502426-004

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

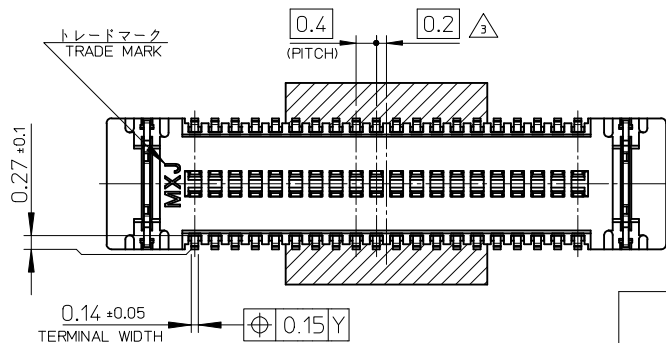
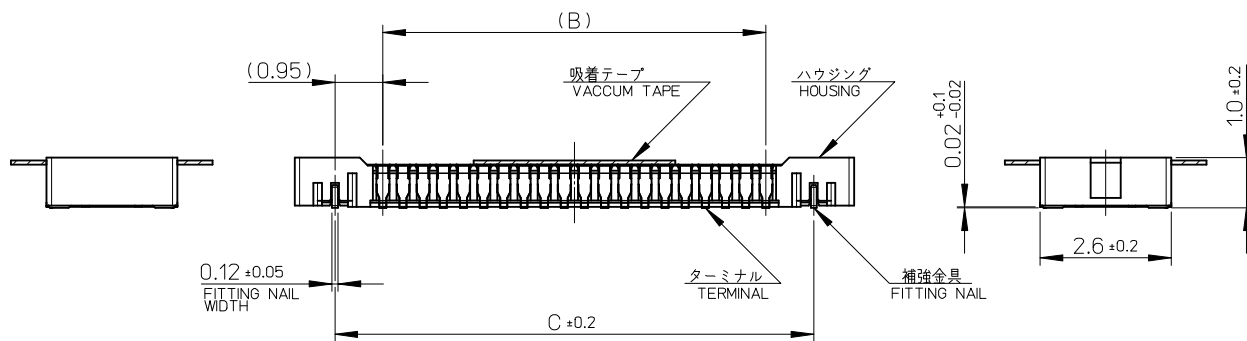
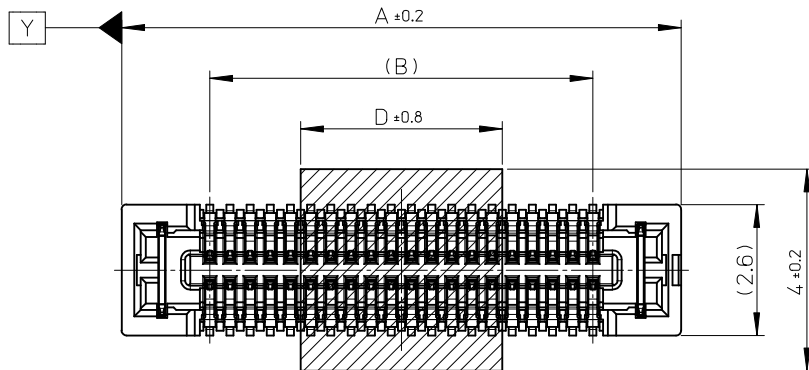
502426Series

Mates With

502430 PCB Header

This document was generated on 05/18/2010

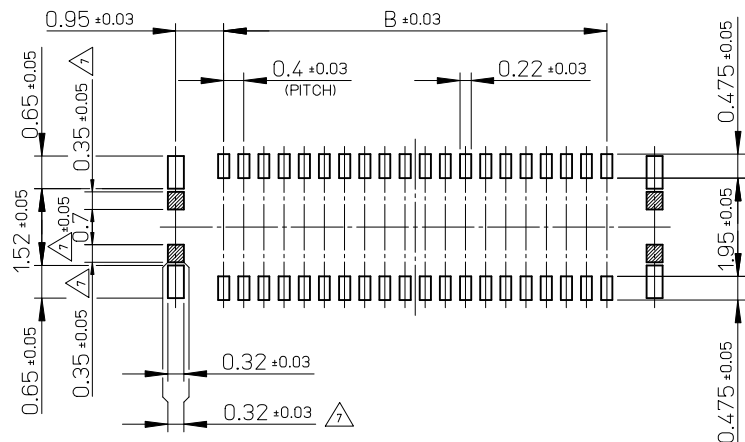
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10.0	19.5	17.6	21.1	502426-9030	90
	17.5	15.6	19.1	502426-8030	80
	15.5	13.6	17.1	502426-7030	70
7.0	13.5	11.6	15.1	502426-6030	60
	11.5	9.6	13.1	502426-5030	50
4.0	9.5	7.6	11.1	502426-4030	40
	7.9	6.0	9.5	502426-3230	32
3.4	6.7	4.8	8.3	502426-2630	26
	6.3	4.4	7.9	502426-2430	24
	5.9	4.0	7.5	502426-2230	22
	5.5	3.6	7.1	502426-2030	20
2.4	4.3	2.4	5.9	502426-1430	14
D	C	B	A	EMBOSSD TAPE PACKAGE ORDER No.	CKT.

CONNECTOR SERIES No. : 502426-**39

REVISED EC NO: J2009-0889 DRWN:YADYAGI CHKD:THARUYAMA APPR:NUKITA	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER ± ---		DRAWN BY DATE RTAKEUCHI 2007/12/26		TITLE 0.4 B-TO-B CONN. HGT=1.0 W=2.6 REC ASSY WITH TAPE			
		10 OVER 30 UNDER ± ---		CHECKED BY DATE MSASAO 2007/12/26					
		30 OVER ± ---		APPROVED BY DATE MSASAO 2007/12/26					
		ANGULAR ± --- °		MATERIAL NO.		MOLEX INCORPORATED			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE					
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



注記 NOTES

1. 使用材料 MATERIAL

ハウジング：液晶ポリマー（ LCP ） ガラス充填 UL94V-0（ 黒 ）
HOUSING: LIQUID CRYSTAL POLYMER (GLASS FILLED) UL94V-0 (COLOR: BLACK)
ターミナル：りん青銅（t=0.1）
TERMINAL： PHOSPHOR BRONZE (t=0.1)
金具：りん青銅（t=0.12）
FITTING NAIL： PHOSPHOR BRONZE (t=0.12)
吸着テープ：ポリイミド
VACUUM TAPE： POLYIMIDE

2. メッキ仕様 PLATING

ターミナル TERMINAL

金メッキ 0.1 マイクロメートル以上
GOLD 0.1MICROMETER MINIMUM
下地メッキ：ニッケルメッキ 1.0 マイクロメートル以上
UNDER PLATING： NICKEL 1.0MICROMETER MINIMUM
※コンタクト部とテール部はニッケルメッキによって分断されている金メッキです。
DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT AND THE TAIL PART BY THE NICKEL PLATING.
※封孔処理品

金具 FITTING NAIL

フラッシュ金メッキ
FLASH Au PLATING
下地メッキ：ニッケルメッキ 1.0 マイクロメートル以上
UNDER PLATING： NICKEL 1.0MICROMETER MINIMUM

△3（全極数／2）＝偶数の場合に適用。
APPLY FOR (CIRCUIT/2)=EVEN.

4. 嵌合相手： 502430 シリーズ
MATE WITH： 502430 SERIES.

5. テール平坦度は、 0.08 以下
テール及び金具の平坦度は、 0.1 以下
TAIL COPLANARITY TO BE 0.08MAXIMUM.
TAIL AND FITTING NAIL COPLANARITY TO BE 0.1MAXIMUM.

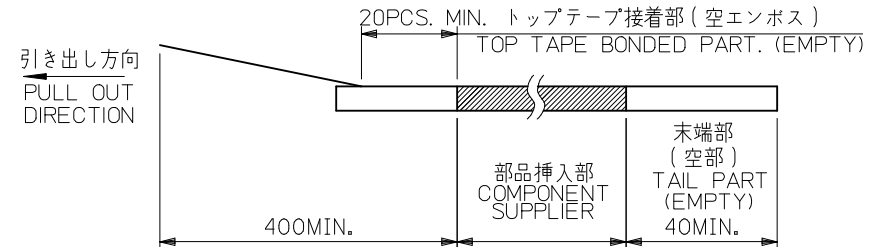
6. ELV 及び RoHS 適合品
ELV AND RoHS COMPLIANT.

△7 斜線部はパターン書込み禁止範囲と半田禁止範囲を示す。
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.

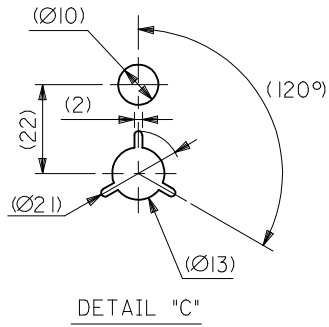
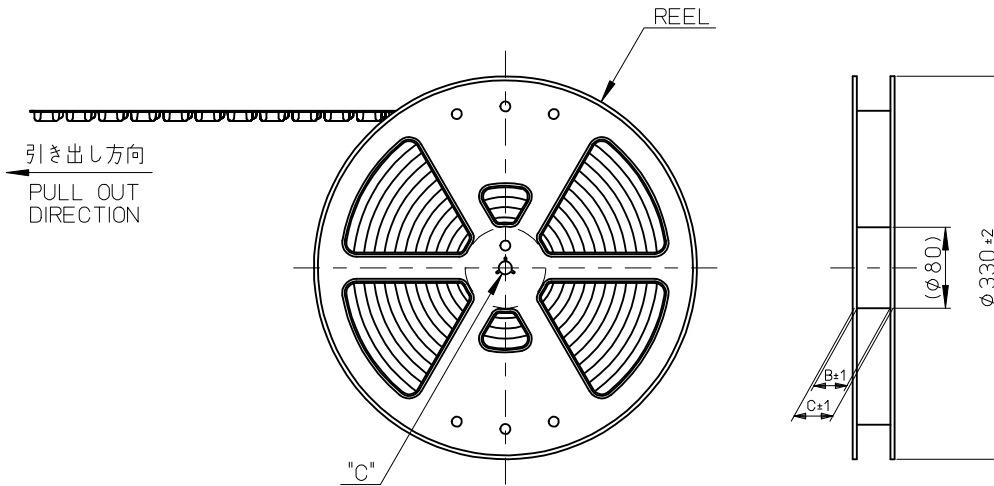
REVISED EC NO: J2009-0889 DRWN: A0YAGI CHKD: THARUYAMA APPR: NUKITA	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER ± ---		DRAWN BY DATE RTAKEUCHI 2007/12/26		TITLE 0.4 B-TO-B CONN. HGT=1.0 W=2.6 REC ASSY WITH TAPE			
		10 OVER 30 UNDER ± ---		CHECKED BY DATE MSASAO 2007/12/26					
		30 OVER ± ---		APPROVED BY DATE MSASAO 2007/12/26		MOLEX INCORPORATED			
		ANGULAR ± --- °		MATERIAL NO. SEE SHEET 1		DOCUMENT NO. SD-502426-003		SHEET NO. 2 OF 2	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

注記 NOTES

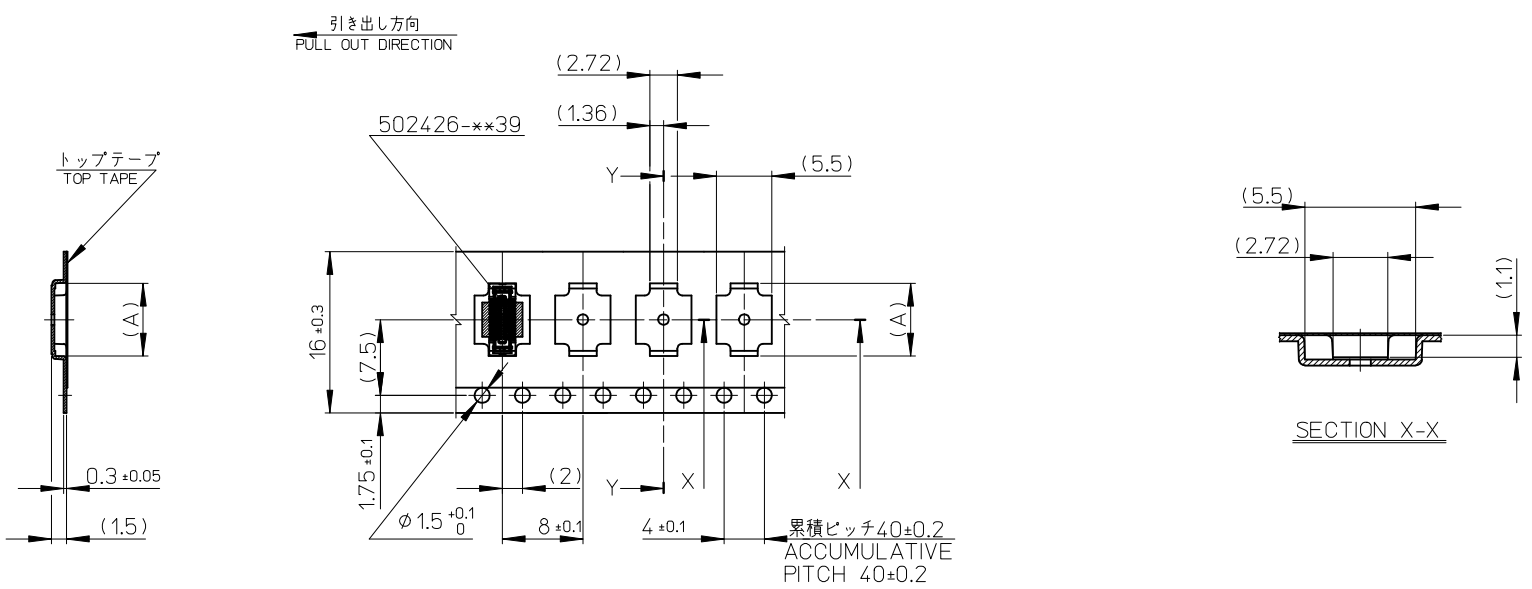
- 製品詳細寸法については製品単体図面を参照下さい。
RE DETAILED DIMENSION, SEE PRODUCT DRAWING.
- 梱包数量 : 3000 個/リール
NUMBER OF CONNECTORS : 3000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



- 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 , 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>
- ELV 及び RoHS適合品
ELV AND RoHS COMPLIANT



REVISED	EC NO: J2009-0889		2009/06/15		DRWN:YAOYAGI		2009/06/15		CHKD:THARUYAMA		2009/06/15		APPR:NUKITA		2009/06/15		REV		DESCRIPTION	
	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		DATE		RTAKEUCHI		2007/12/26		CHECKED BY		MSASAO		2007/12/26		APPROVED BY	
	SCALE		---		DESIGN UNITS		METRIC		TITLE		0.4 B-TO-B CONN. HGT=1.0 REC ASSY WITH TAPE EMBSTP PKG		MATERIAL NO.		SEE TABLE		DOCUMENT NO.		SD-502426-004	
	MODEL NO.		502426-***		THIRD ANGLE PROJECTION		MOLEX INCORPORATED		SHEET NO.		1 OF 4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



SECTION Y-Y

SECTION X-X

16mm 幅キャリアテープ
16mm WIDTH CARRIER TAPE

16	21.4	17.4	8.42	502426-2630		26
			8.02	502426-2430		24
			7.62	502426-2230		22
			7.22	502426-2030		20
			6.02	502426-1430		14
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL No.		CKT.
				MODEL No.	502426-**30	

REVISED EC NO: J2009-0889 DRWN:YAOYAGI CHKD:THARUYAMA APPR:NUKITA	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		10 UNDER	± ---	DRAWN BY RTAKEUCHI	DATE 2007/12/26	TITLE 0.4 B-TO-B CONN. HGT=1.0 REC ASSY WITH TAPE EMBSTP PKG					
		10 OVER 30 UNDER	± ---	CHECKED BY MSASAO	DATE 2007/12/26						
		30 OVER	± ---	APPROVED BY MSASAO	DATE 2007/12/26	MOLEX INCORPORATED					
		ANGULAR	± --- °	MATERIAL NO.							DOCUMENT NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502426-004		2 OF 4			
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10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

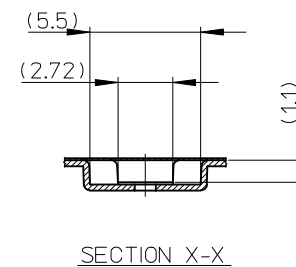
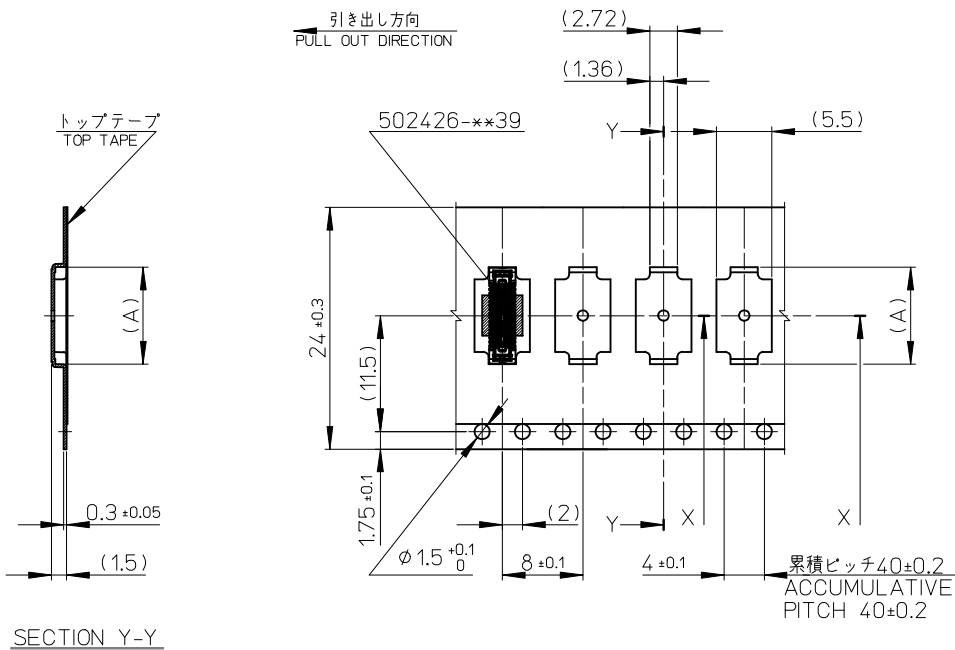
E

D

C

B

A



24mm 幅キャリアテープ
24mm WIDTH CARRIER TAPE

24	29.4	25.4	15.22	502426-6030		60
			13.22	502426-5030		50
			11.22	502426-4030		40
			9.62	502426-3230		32
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL No.		CKT.
				MODEL No.	502426-***30	

REVISED EC NO: J2009-0889 DRWN:YAOYAGI CHKD:THARUYAMA APPR:NUKITA C	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± ---	DRAWN BY RTAKEUCHI	DATE 2007/12/26	TITLE 0.4 B-TO-B CONN. HGT=1.0 REC ASSY WITH TAPE EMBSTP PKG			
		10 OVER 30 UNDER	± ---	CHECKED BY MSASAO	DATE 2007/12/26				
		30 OVER	± ---	APPROVED BY MSASAO	DATE 2007/12/26				
		ANGULAR ± --- °		MATERIAL NO.					DOCUMENT NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502426-004			3 OF 4
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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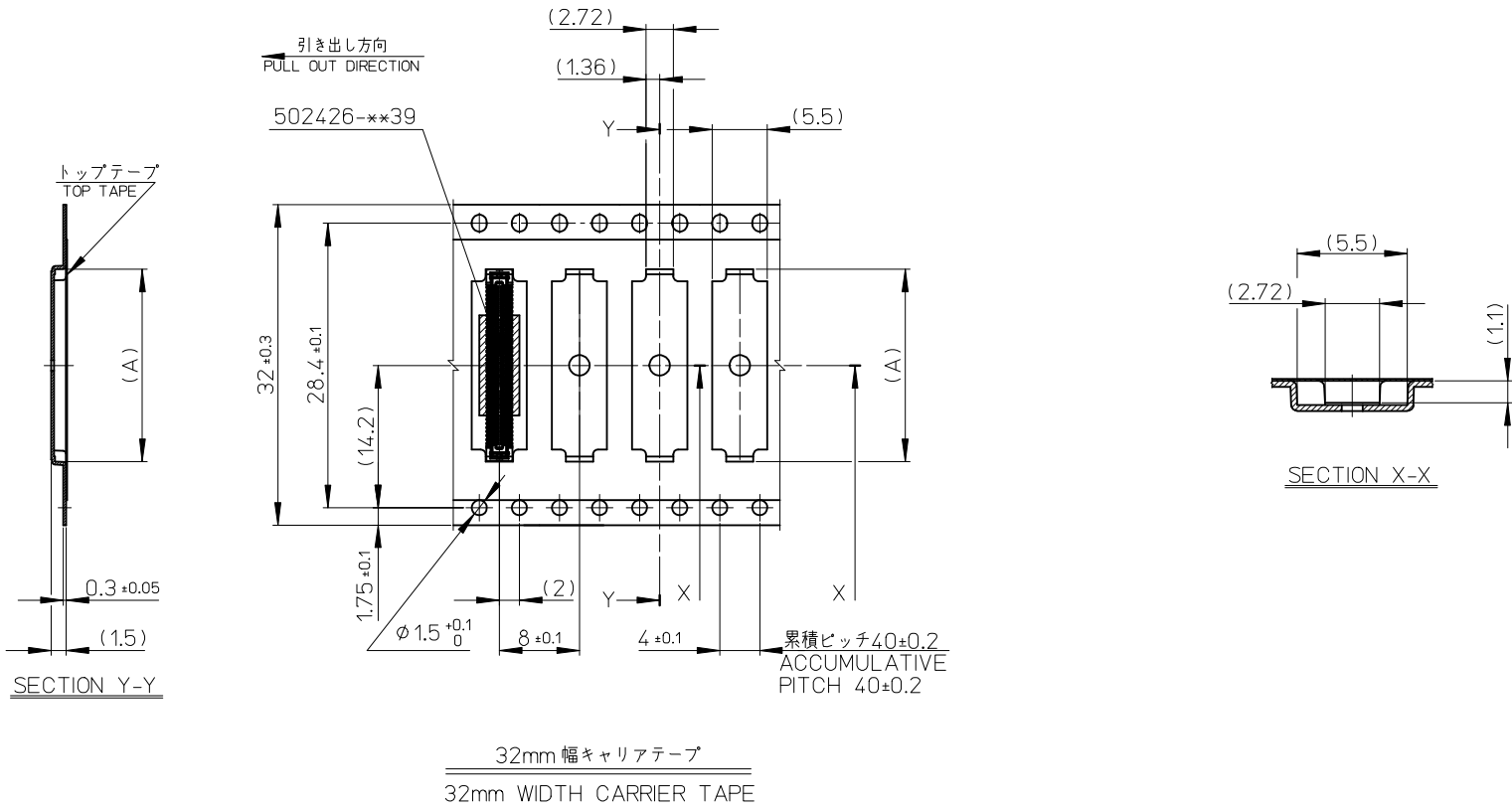
E

D

C

B

A



32	37.4	33.5	21.22	502426-9030		90
			19.22	502426-8030		80
			17.22	502426-7030		70
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL No.		CKT.
				MODEL No.	502426-**30	

REVISED EC NO.: J2009-0889 DRWN: YAOYAGI CHKD: THARUYAMA APPR: NUKITA C	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
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		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502426-004		4 OF 4		
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