

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5024264030

Status:

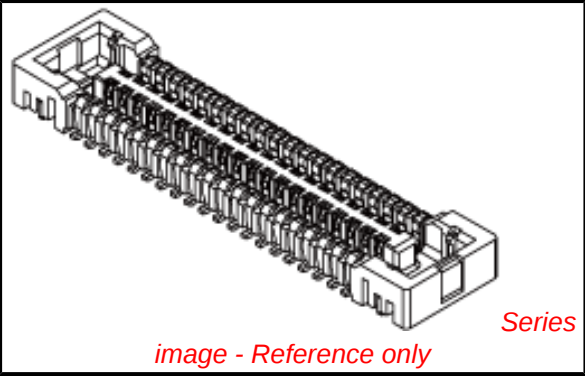
Active

Overview:

slimstack_mm016_pitch

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, 40 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_mm016_pitch
Product Name	SlimStack™
Physical	
Circuits (Loaded)	40
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	
Packaging Specification	SPK-502426-001
Product Specification	PS-502426-001, RPS-502426-002, RPS-502426-004, 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

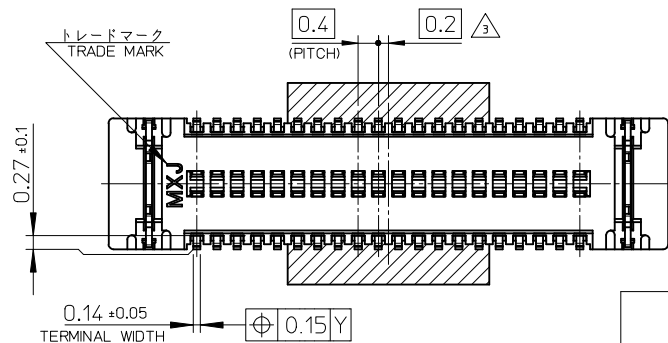
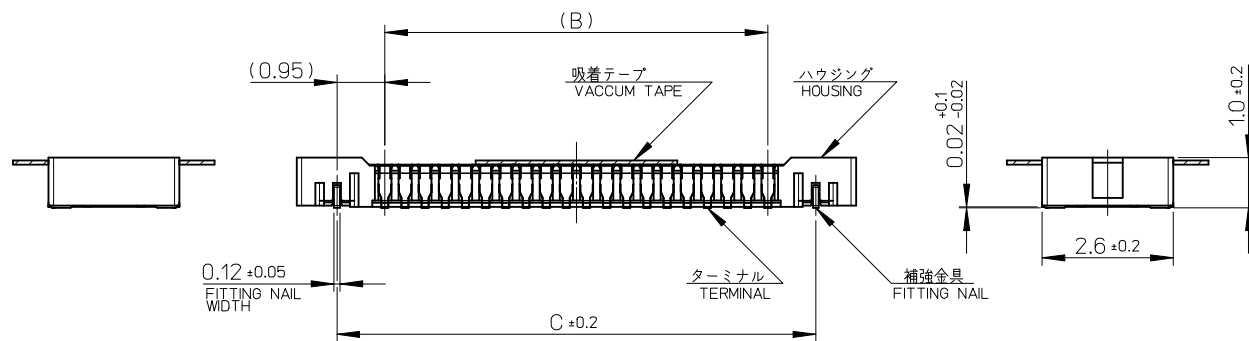
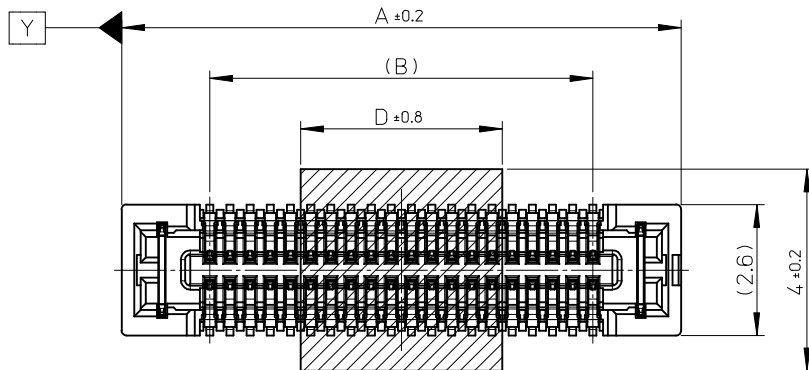
502426Series

Mates With

502430 PCB Header

This document was generated on 05/25/2010

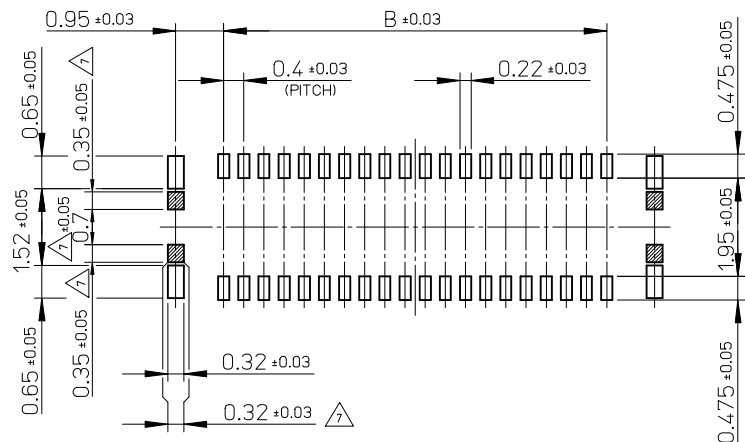
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



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		SD-502426-003			
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
						SHEET NO. 1 OF 2			



P.C. BOARD PATTERN LAYOUT
(REFERENCE)

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.

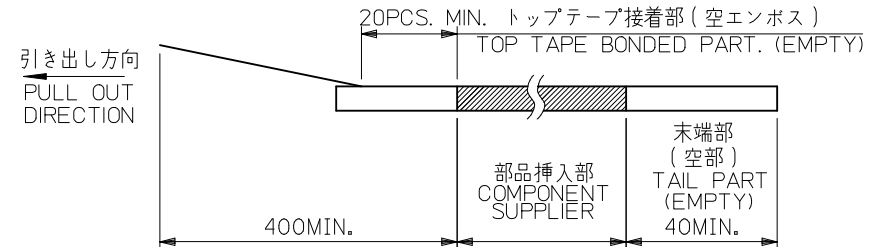
6. ELV 及び RoHS 適合品
ELV AND RoHS COMPLIANT.

△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.

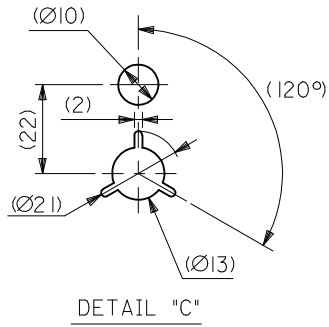
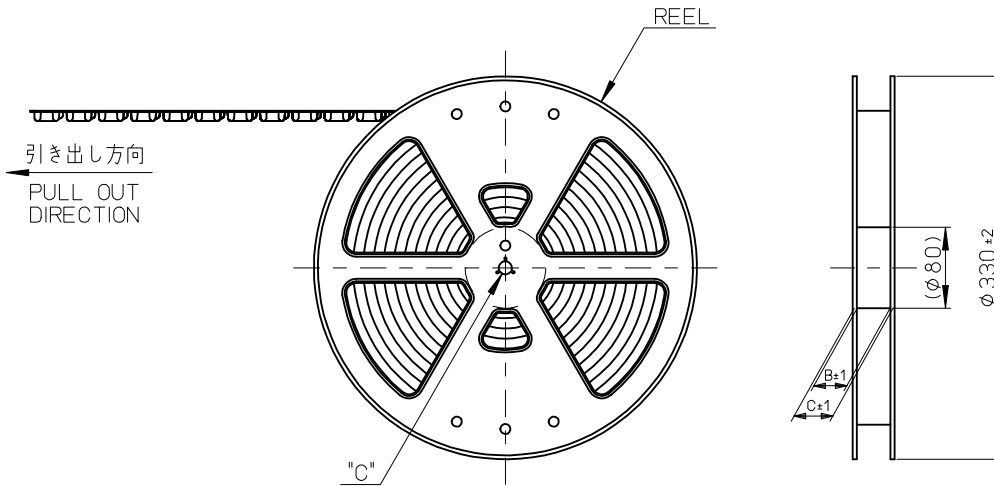
REVISED EC NO: J2009-0889 DRWN: YAOYAGI CHKD: THARUYAMA APPR: NUKITA	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION						
		10 UNDER	±---	DRAWN BY RTAKEUCHI	DATE 2007/12/26	TITLE 0.4 B-TO-B CONN. HGT=1.0 W=2.6 REC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

注記 NOTES

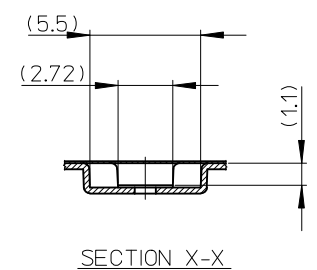
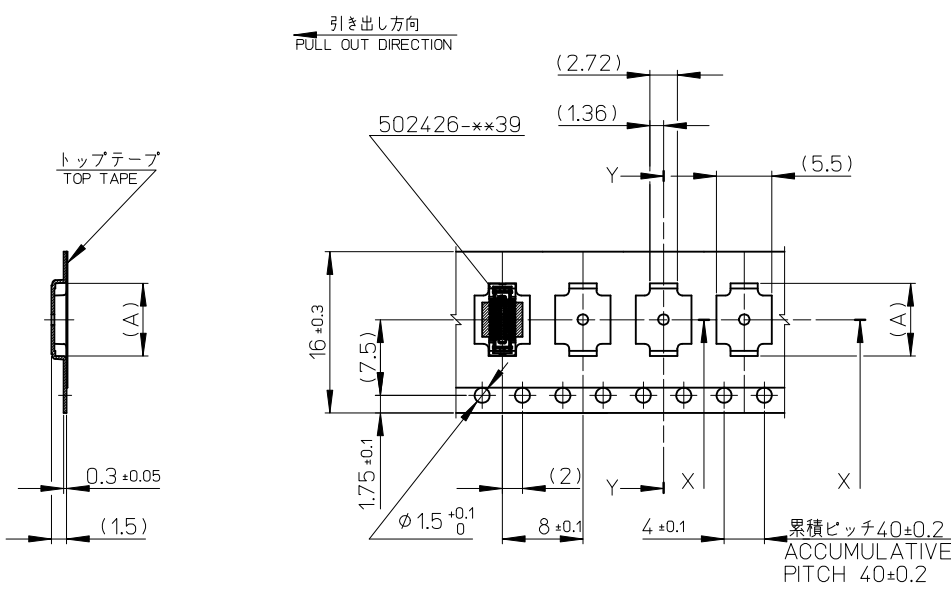
- 製品詳細寸法については製品単体図面を参照下さい。
RE DETAILED DIMENSION, SEE PRODUCT DRAWING.
- 梱包数量 : 3000 個/リール
NUMBER OF CONNECTORS : 3000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



- 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		
	DESCRIPTION		10 UNDER		± ---		10 OVER 30 UNDER		± ---		30 OVER		± ---		ANGULAR ± --- °		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		MM ONLY		SCALE		---		DESIGN UNITS		METRIC		
	REV		C		SIZE		A3		DRAWN BY		DATE		RTAKEUCHI		2007/12/26		
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CHECKED BY		DATE		MSASAO		2007/12/26		APPROVED BY		DATE		MSASAO		2007/12/26
MATERIAL NO.		SEE TABLE		DOCUMENT NO.		SD-502426-004		SHEET NO.		1 OF 4		TITLE		0.4 B-TO-B CONN. HGT=1.0 REC ASSY WITH TAPE EMBSTP PKG		MOLEX INCORPORATED	
THIRD ANGLE PROJECTION		MOLEX		MOLEX INCORPORATED													

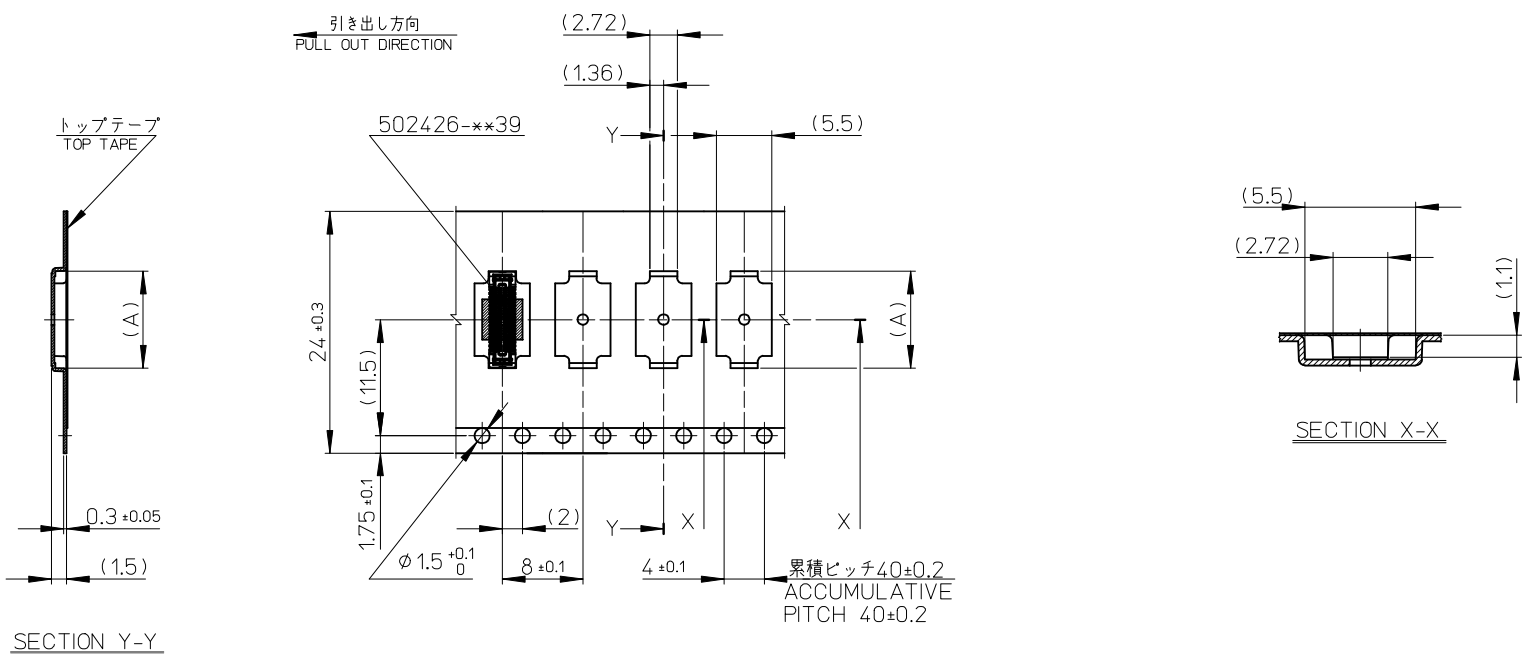


SECTION Y-Y

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			
				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	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:YA0YAGI CHKD:THARUYAMA APPR:NUKITA C	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
					MM ONLY		---	METRIC		
			10 UNDER	± ---	DRAWN BY	DATE	TITLE 0.4 B-TO-B CONN. HGT=1.0 REC ASSY WITH TAPE EMBSTP PKG MOLEX INCORPORATED			
			10 OVER 30 UNDER	± ---	CHECKED BY	DATE				
			30 OVER	± ---	APPROVED BY	DATE				
			ANGULAR	± --- °	MSASAO	2007/12/26				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
SEE TABLE		SD-502426-004			3 OF 4					
		SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
		A3								

F

E

D

C

B

A

F

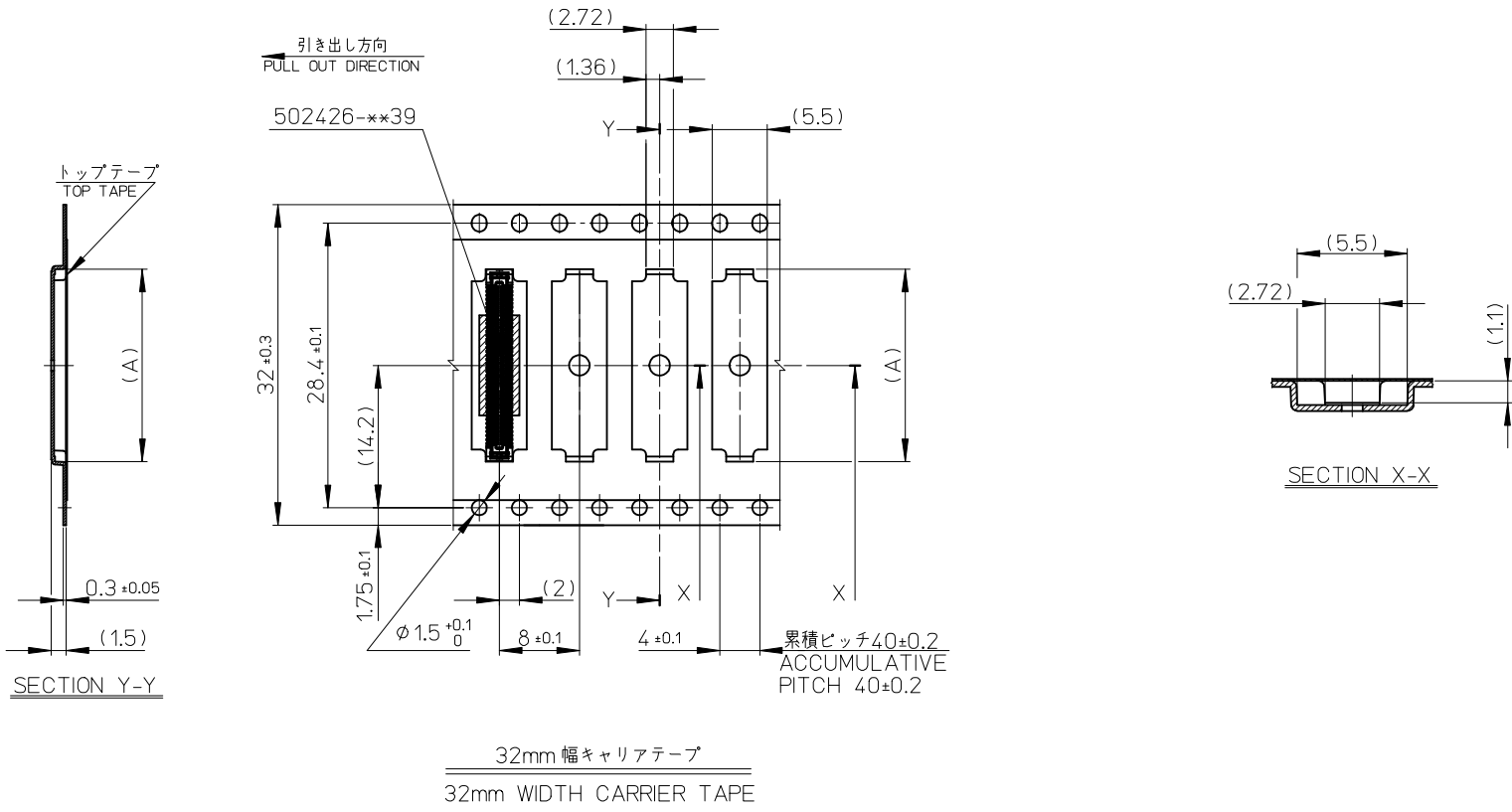
E

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		
		10 UNDER	± ---	DRAWN BY	DATE	TITLE 0.4 B-TO-B CONN. HGT=1.0 REC ASSY WITH TAPE EMBSTP PKG MOLEX INCORPORATED				
		10 OVER 30 UNDER	± ---	CHECKED BY	DATE					
		30 OVER	± ---	APPROVED BY	DATE					
		ANGULAR	± --- °	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502426-004		4 OF 4		
				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					