

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5024306410

Status:

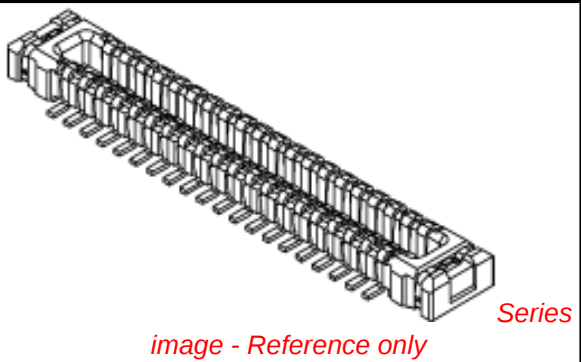
Active

Overview:

slimstack_mm016_pitch

Description:

0.40mm (.016") Pitch SlimStack™ Board-to-Board, Plug, SMT, Dual Row, Vertical Stacking, 1.00mm (.039") Stacking Height, With Solder Tabs, 64 Circuits



Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	502430
Application	Board-to-Board
Overview	slimstack_mm016_pitch
Product Name	SlimStack™
Physical	
Breakaway	No
Circuits (Loaded)	64
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
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	-20°C to +85°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	0.3A
Voltage - Maximum	50V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Product Specification	RPS-502426-001, RPS-502426-009, RPS-502426-010, RPS-502426-013, RPS-502426-014, RPS-502426-017, RPS-502426-019, RPS-502426-020, RPS-502426-024
Sales Drawing	SD-502430-001, SD-502430-002

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

502430Series

Mates With

502426 PCB Receptacle

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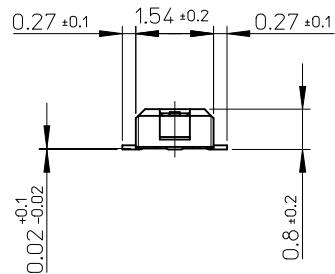
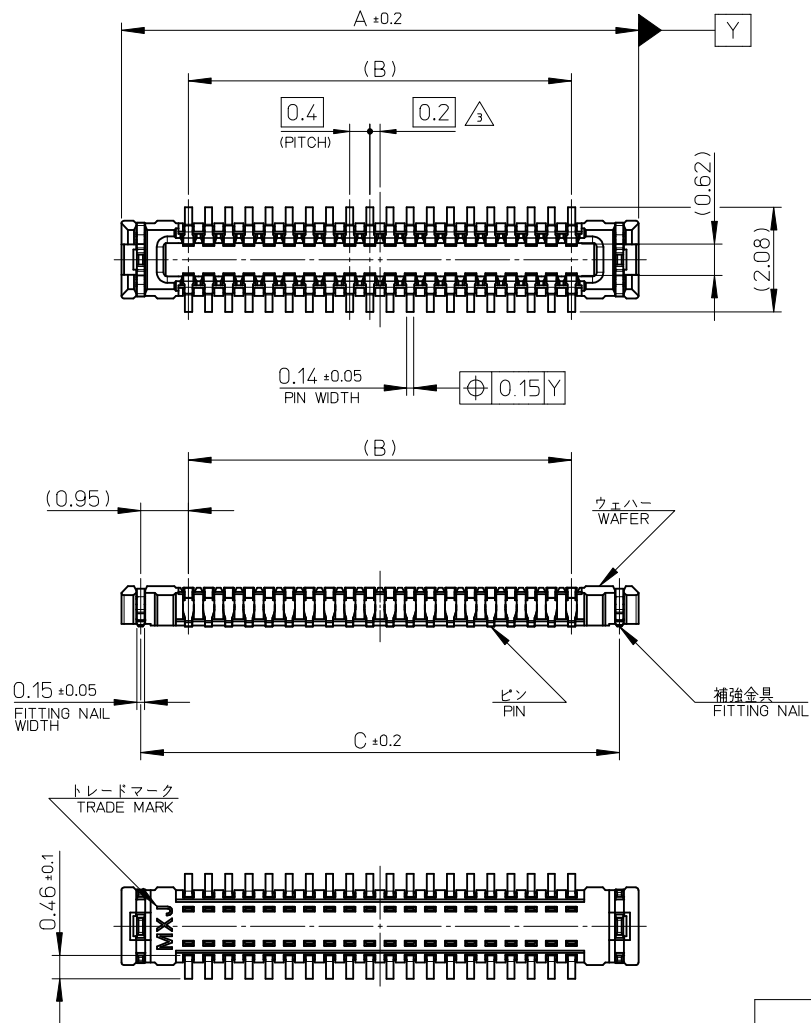
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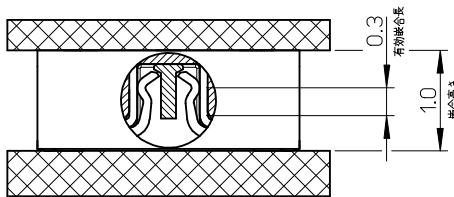
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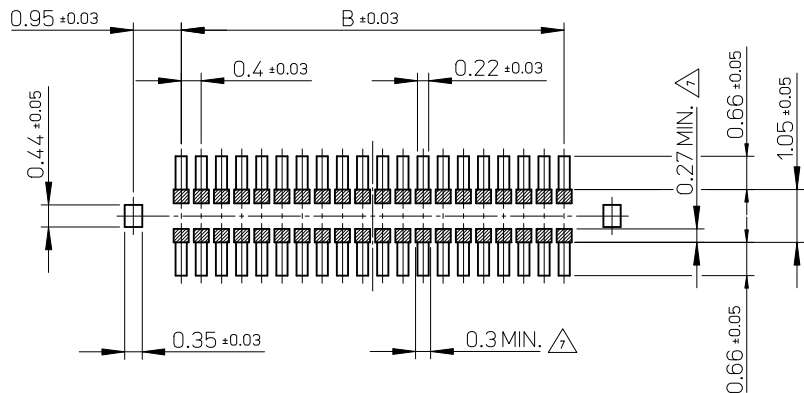


17.5	15.6	18.26	502430-8010	80
14.3	12.4	15.06	502430-6410	64
13.5	11.6	14.26	502430-6010	60
11.5	9.6	12.26	502430-5010	50
10.3	8.4	11.06	502430-4410	44
9.5	7.6	10.26	502430-4010	40
8.3	6.4	9.06	502430-3410	34
7.9	6.0	8.66	502430-3210	32
7.5	5.6	8.26	502430-3010	30
6.7	4.8	7.46	502430-2610	26
6.3	4.4	7.06	502430-2410	24
5.9	4.0	6.66	502430-2210	22
5.5	3.6	6.26	502430-2010	20
4.3	2.4	5.06	502430-1410	14
C	B	A	EMBOSSED PACKAGE オーダー番号 ORDER No.	極数 CIRCUITS

REVISED		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
EC NO: J2010-0990		10 UNDER		DRAWN BY		DATE		TITLE		CONNECTOR SERIES No. 502430-**19	
DRWN:TSUZUKI01		10 OVER 30 UNDER		RTAKEUCHI		2007/10/03		0.4 B-TO-B CONN. HGT=1.0 W=2.6 PLUG ASSY			
CHKD:THIRATA		30 OVER		CHECKED BY		DATE		MOLEX INCORPORATED			
APPR:MSASAO		ANGULAR		MSASAO		2007/10/03		DOCUMENT NO.		SD-502430-001	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY		DATE		SHEET NO.		1 OF 2	
				MATERIAL NO.		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
				SIZE		A3					



嵌合断面図 (参考)
MATED DRAWING (REFERENCE)



P.C.BOARD PATTERN LAYOUT
(REFERENCE)

注記 NOTES

1. 使用材料 MATERIAL
- ウェハー : 液晶ポリマー (LCP) ガラス充填 UL94V-0 (黒)
WAFER:LIQUID CRYSTAL POLYMER(GLASS FILLED) UL94V-0 (COLOR:BLACK)
- ピン : りん青銅 (t=0.08)
PIN : PHOSPHOR BRONZE (t=0.08)
- 金具 : りん青銅 (t=0.15)
FITTING NAIL : PHOSPHOR BRONZE (t=0.15)

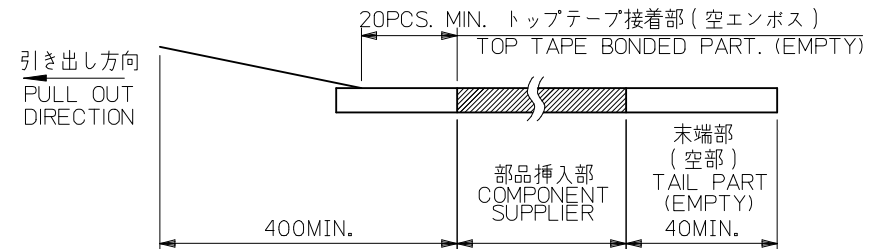
2. メッキ仕様 PLATING
- ピン PIN
- 金メッキ 0.1 マイクロメートル以上
GOLD 0.1MICROMETER MINIMUM
- 下地メッキ : ニッケルメッキ 1.0 マイクロメートル以上
UNDER PLATING : NICKEL 1.0MICROMETER MINIMUM
- ※コンタクト部とテール部はニッケルメッキによって分断されている金メッキです。
DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT AND THE TAIL PART BY THE NICKEL PLATING.
- ※封孔処理品
- 金具 FITTING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

- △ (全極数 / 2) = 偶数の場合に適用。
APPLY FOR (CIRCUIT/2)=EVEN.
4. 嵌合相手 : 502426 シリーズ
MATE WITH : 502426 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.
- △ 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.

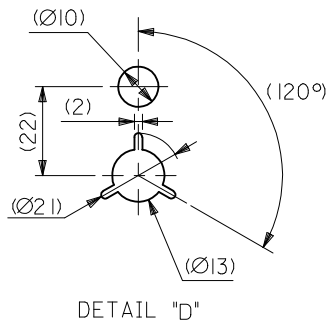
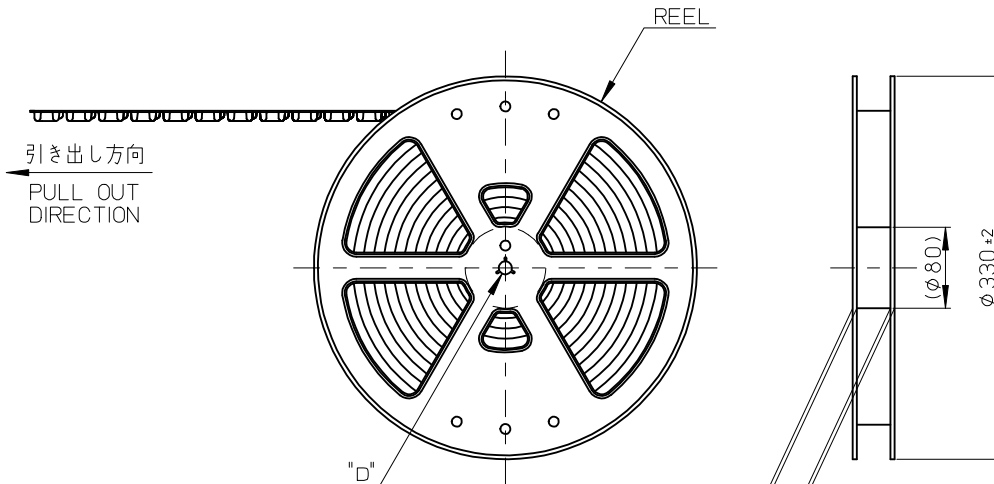
REVISED EC NO: J2010-0990 DRWN:TSUZUKI01 2009/11/09 CHKD:THIRATA 2009/11/09 APPR:MSASAO 2009/11/10	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY RTAKEUCHI	DATE 2007/10/03	TITLE 0.4 B-TO-B CONN. HGT=1.0 W=2.6 PLUG ASSY				
		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. SEE SHEET 1						
		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						
				SIZE A3						

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。
FOR DETAIL OF CONNECTOR DIMENSIONS,
PLEASE SEE THE DRAWING OF CONNECTOR ITSELF (NOT PACKAGED).
- 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	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
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		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.		
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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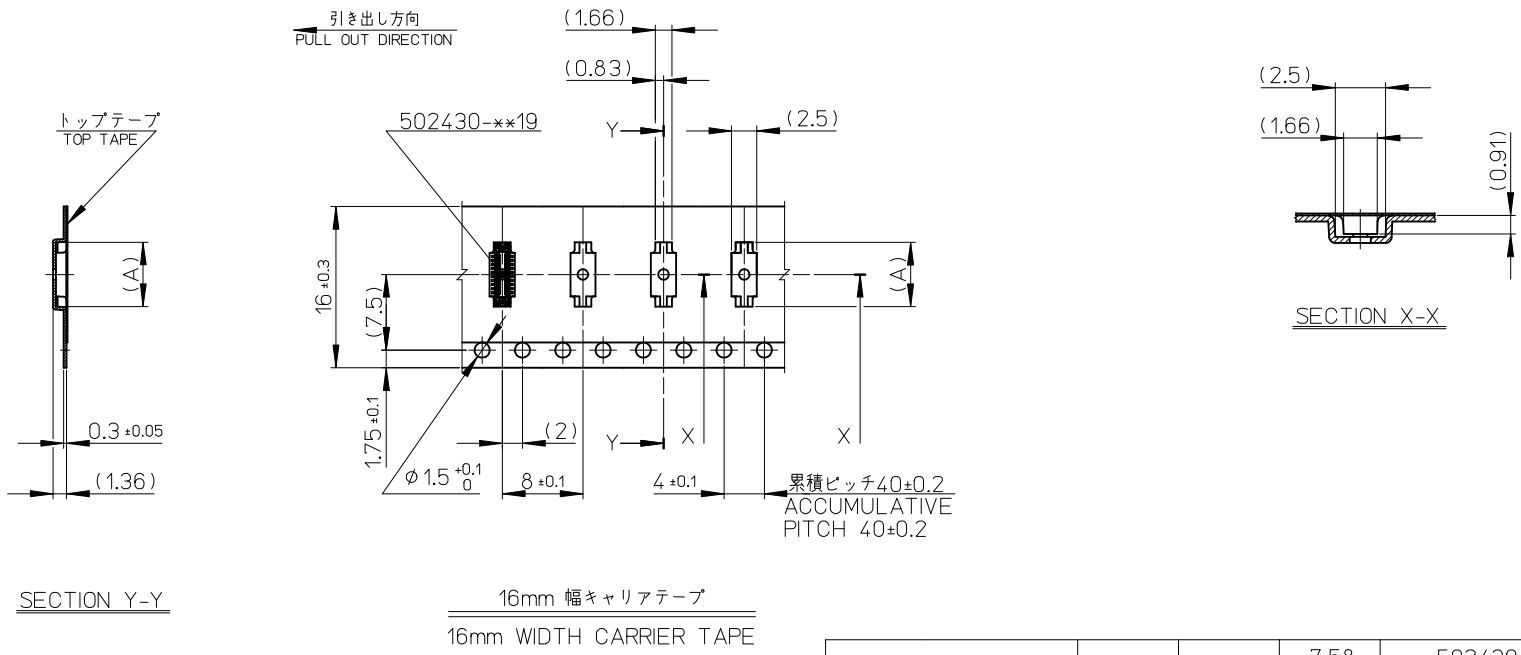
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16	21.4	17.4	7.58	502430-2610		26
			7.18	502430-2410		24
			6.78	502430-2210		22
			6.38	502430-2010		20
			5.18	502430-1410		14
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL No.		CKT.
				MODEL No.	502430-**10	

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	
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		10 OVER 30 UNDER		± ---		CHECKED BY MSASAO		DATE 2007/10/03	
		30 OVER		± ---		APPROVED BY MSASAO		DATE 2007/10/03	
		ANGULAR		± --- °		MATERIAL NO.		DOCUMENT NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502430-002		SHEET NO. 2 OF 4	
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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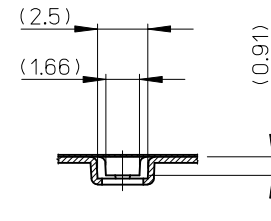
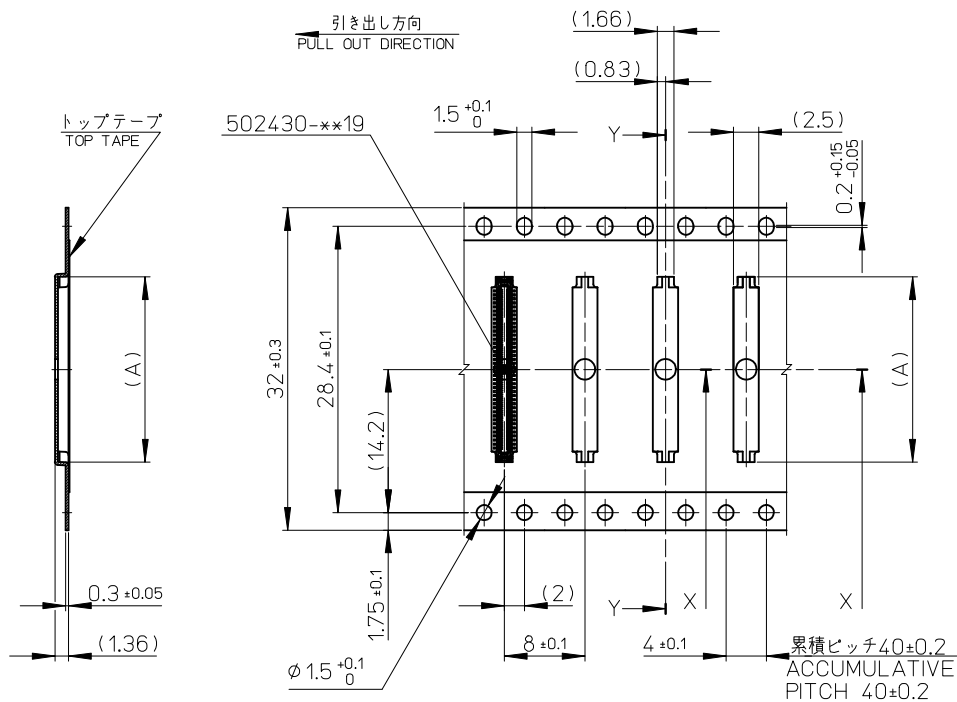
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引き出し方向
PULL OUT DIRECTION

SECTION X-X

SECTION Y-Y

32mm 幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	37.4	33.4	18.38	502430-8010	80
キャリアテープ幅 CARRIER TAPE WIDTH		C	B	(A)	MATERIAL No.
				MODEL No.	502430-**10

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		ANGULAR	± --- °	MATERIAL NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		DOCUMENT NO. SD-502430-002		SHEET NO. 4 OF 4			
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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