

10 9 8 7 6 5 4 3 2 1

F

F

E

E

D

D

C

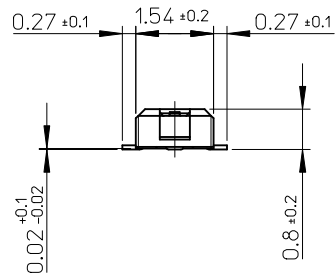
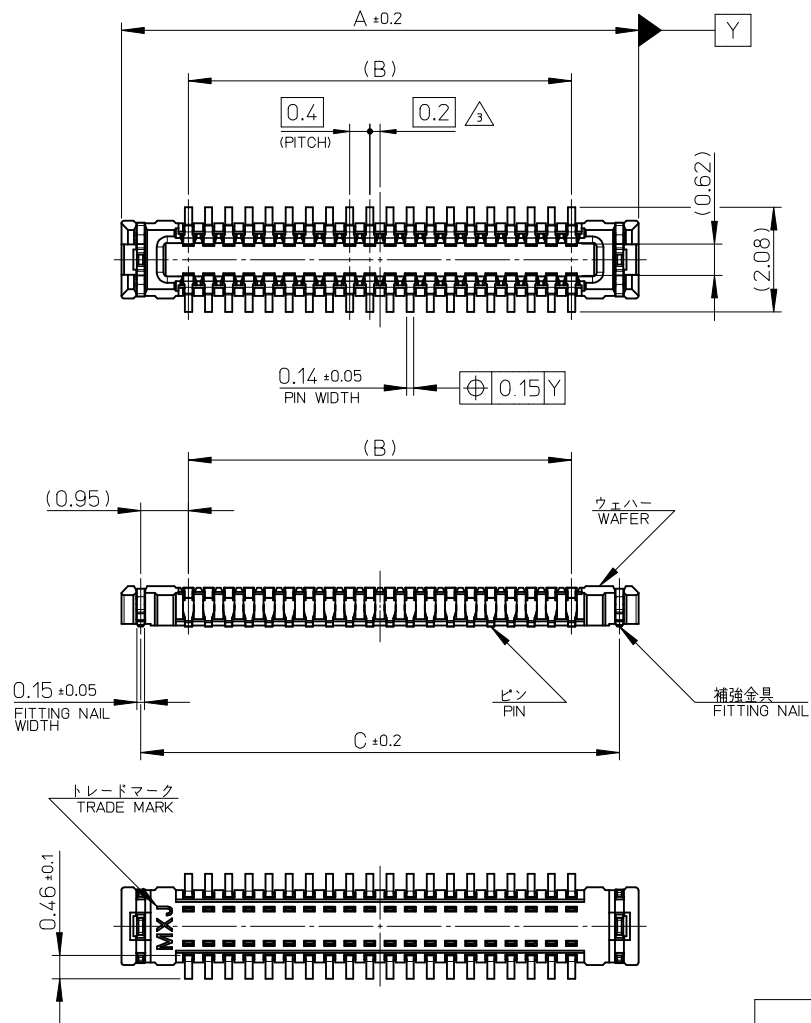
C

B

B

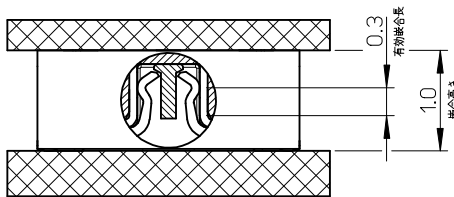
A

A

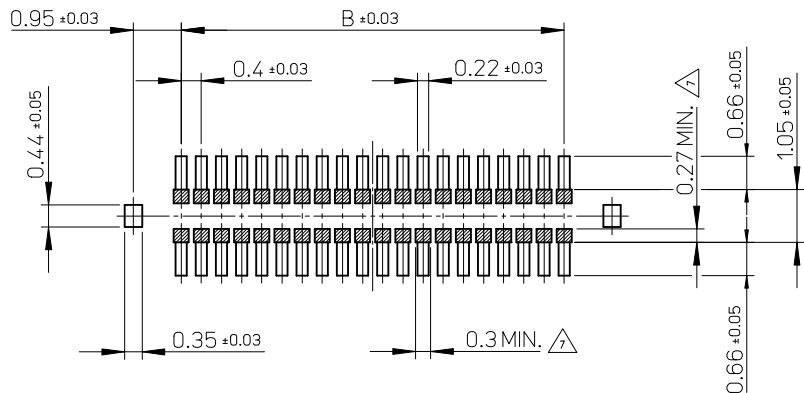


17.5	15.6	18.26	502430-8010	80
14.3	12.4	15.06	502430-6410	64
13.5	11.6	14.26	502430-6010	60
11.5	9.6	12.26	502430-5010	50
10.3	8.4	11.06	502430-4410	44
9.5	7.6	10.26	502430-4010	40
8.3	6.4	9.06	502430-3410	34
7.9	6.0	8.66	502430-3210	32
7.5	5.6	8.26	502430-3010	30
6.7	4.8	7.46	502430-2610	26
6.3	4.4	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)

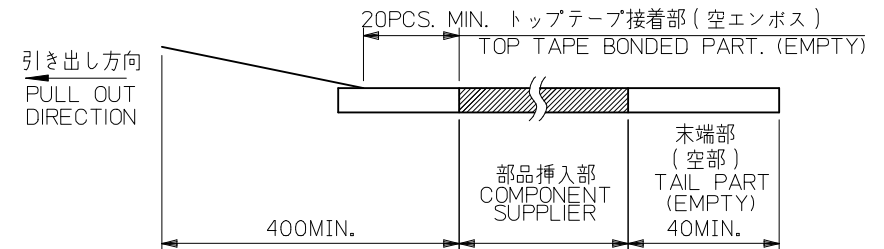
2. メッキ仕様 PLATING
- ピン PIN
- 金メッキ 0.1 マイクロメートル以上
GOLD 0.1MICROMETER MINIMUM
- 下地メッキ : ニッケルメッキ 1.0 マイクロメートル以上
UNDER PLATING : NICKEL 1.0MICROMETER MINIMUM
- ※コンタクト部とテール部はニッケルメッキによって分断されている金メッキです。
DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT AND THE TAIL PART BY THE NICKEL PLATING.
- ※封孔処理品
- 金具 FITTING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

- ④ (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.
- 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.

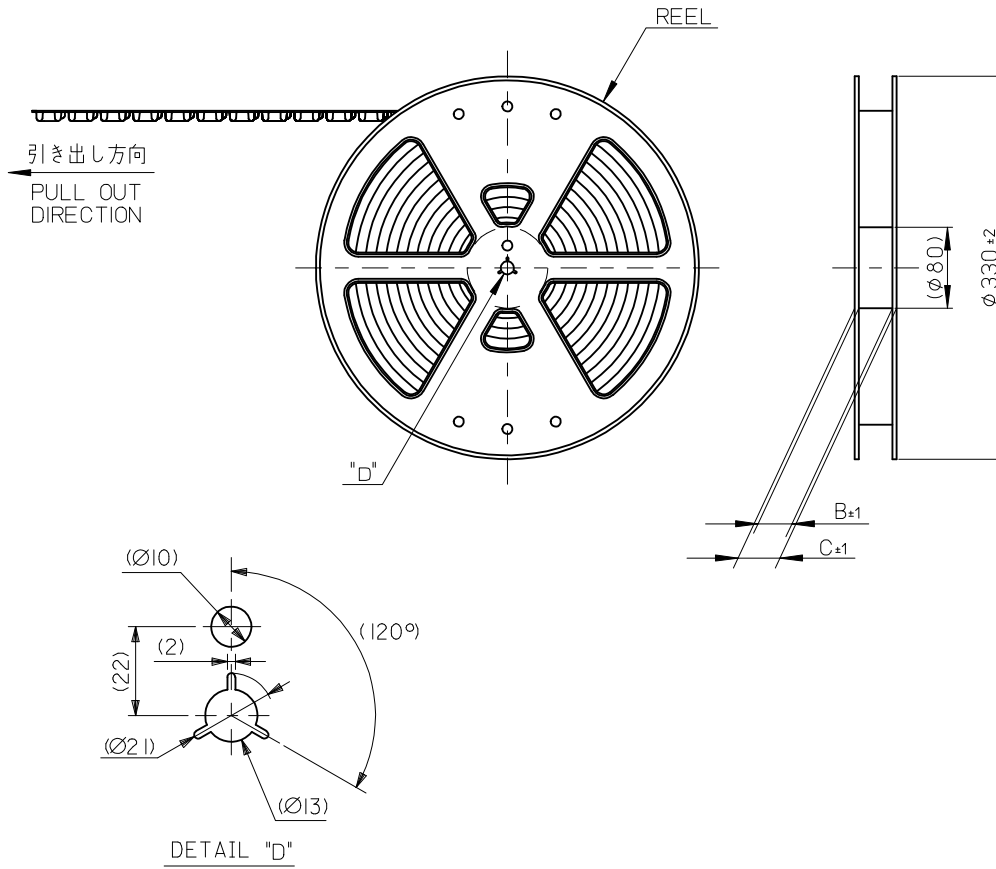
REVISED	EC NO: J2010-0990 DRWN: TSUZUKI 01 CHKD: THIRATA APPR: MSASAO	2009/11/09 2009/11/09 2009/11/10	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				10 UNDER ± ---		DRAWN BY DATE		TITLE 0.4 B-TO-B CONN. HGT=1.0 W=2.6 PLUG ASSY			
				10 OVER 30 UNDER ± ---		CHECKED BY DATE					
				30 OVER ± ---		APPROVED BY DATE					
				ANGULAR ± --- °		MATERIAL NO.		MOLEX MOLEX INCORPORATED			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1					
				REV	H		SIZE A3	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。
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	2009/11/09 2009/11/09 2009/11/10	DESCRIPTION	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 PLUG 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.				
H	REV		DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502430-002		1 OF 4	
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

10 9 8 7 6 5 4 3 2 1

F

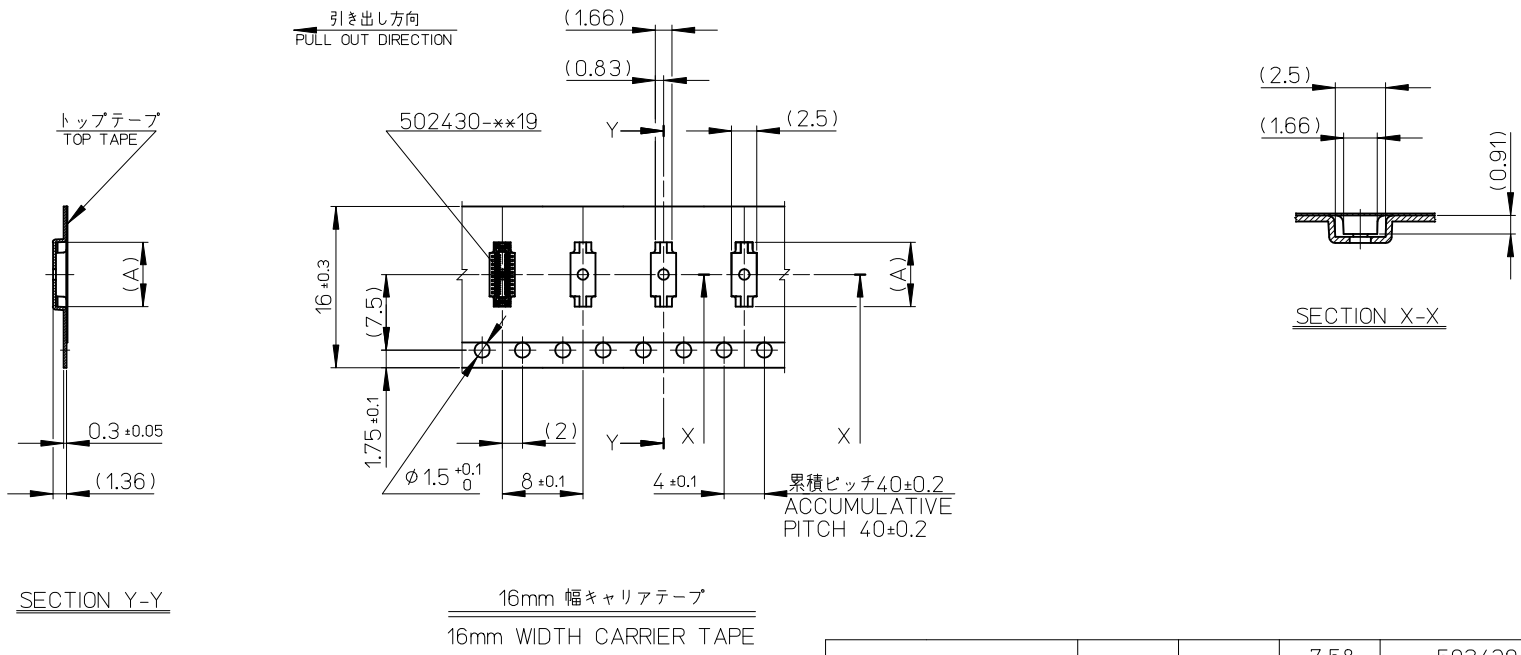
E

D

C

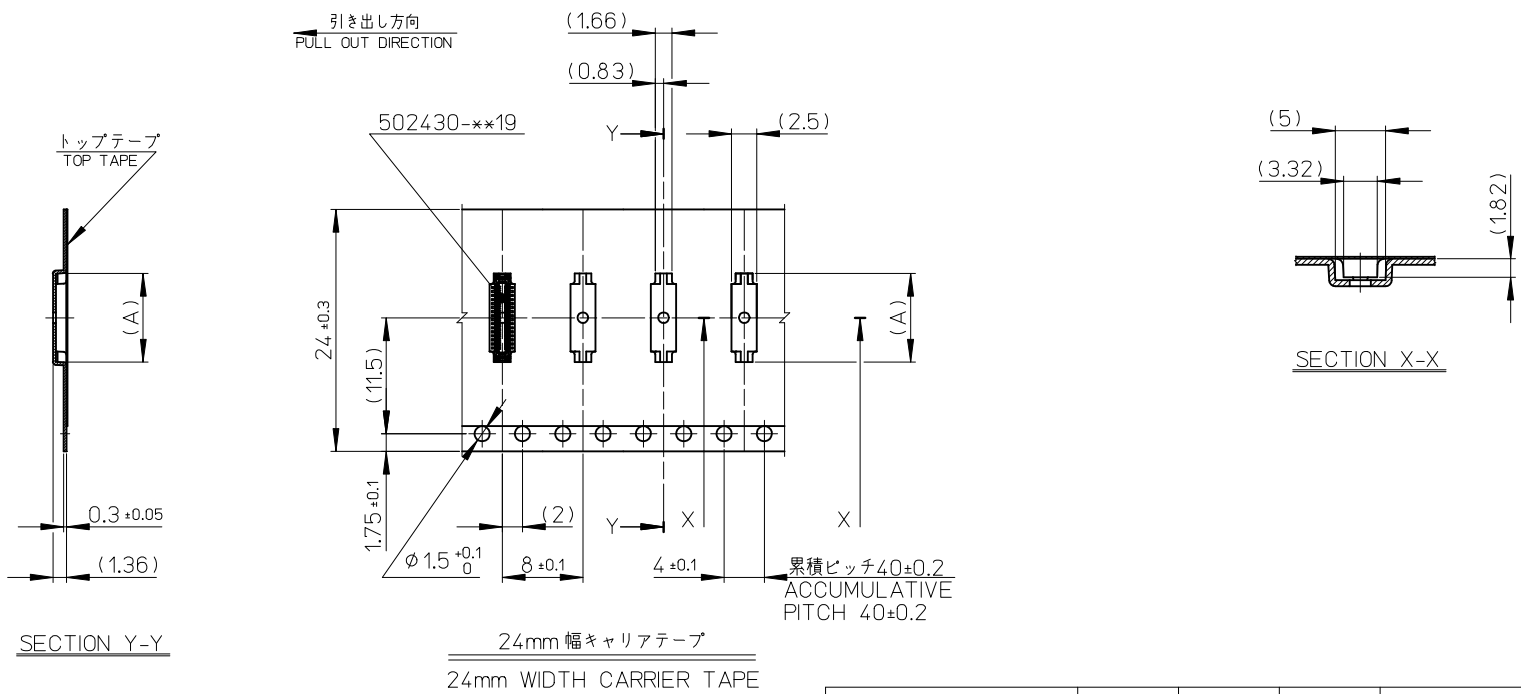
B

A



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	
		10 UNDER		± ---		DRAWN BY RTAKEUCHI		DATE 2007/10/03	
		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	
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



24	29.4	25.4	15.18	502430-6410		64
			14.38	502430-6010		60
			12.38	502430-5010		50
			11.18	502430-4410		44
			10.38	502430-4010		40
			9.18	502430-3410		34
			8.78	502430-3210		32
			8.38	502430-3010		30
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	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 PLUG ASSY EMBSTP PKG				
		10 OVER 30 UNDER	± ---	CHECKED BY MSASAO	DATE 2007/10/03					
		30 OVER	± ---	APPROVED BY MSASAO	DATE 2007/10/03	MOLEX MOLEX INCORPORATED				
		ANGULAR	± --- °	MATERIAL NO.		DOCUMENT NO.			SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502430-002			3 OF 4	
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

10

9

8

7

6

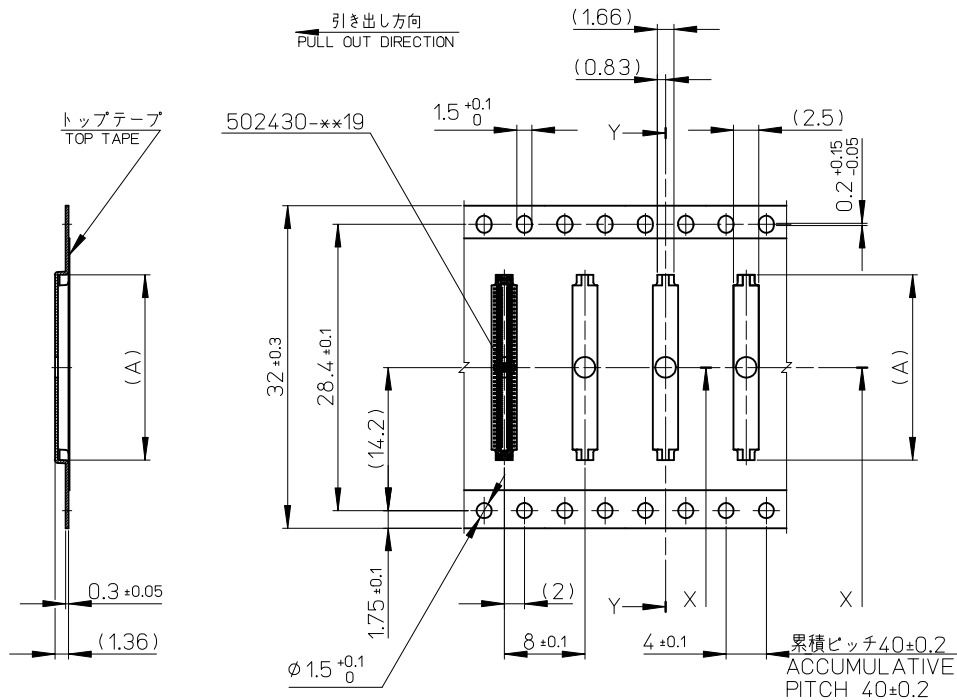
5

4

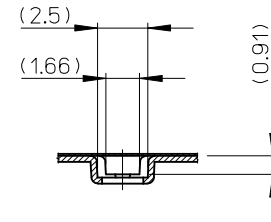
3

2

1

引き出し方向
PULL OUT DIRECTION

SECTION Y-Y



SECTION X-X

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

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 DATE RTAKEUCHI 2007/10/03		TITLE 0.4 B-TO-B CONN. HGT=1.0 PLUG ASSY EMBSTP PKG			
		10 OVER 30 UNDER ± ---		CHECKED BY DATE MSASAO 2007/10/03					
		30 OVER ± ---		APPROVED BY DATE MSASAO 2007/10/03		MOLEX INCORPORATED			
		ANGULAR ± --- °		MATERIAL NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		DOCUMENT NO. SD-502430-002		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			

9

8

7

6

5

4

3

2