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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 : 黄銅 (t=0.1)
PIN : BRASS (t=0.1)

金具 : りん青銅 (t=0.12)
FITTING NAIL : PHOSPHOR BRONZE (t=0.12)

2. メッキ仕様 PLATING

ピン PIN

金メッキ 0.2 マイクロメートル以上 (コンタクト部)
GOLD 0.2MICROMETER MINIMUM (CONTACT AREA)

金メッキ 0.4 マイクロメートル以下 (テール部)
GOLD 0.4 MICROMETER MAXIMUM (TAIL AREA)

下地メッキ : ニッケルメッキ 1.5 マイクロメートル以上
UNDER PLATING : NICKEL 1.5MICROMETER MINIMUM

金具 FITTING NAIL

半田付け処理 (金・パラジウムコート)
SOLDERABILITY IMPROVEMENT COAT (Au & Pd-Ni COAT)

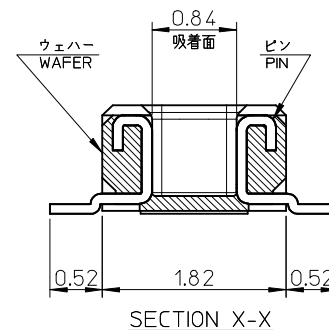
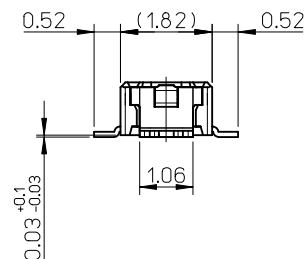
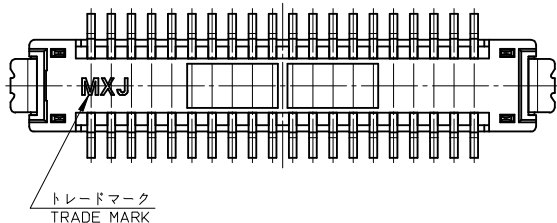
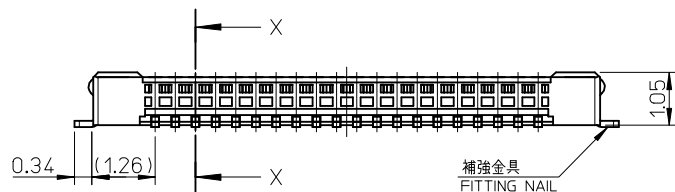
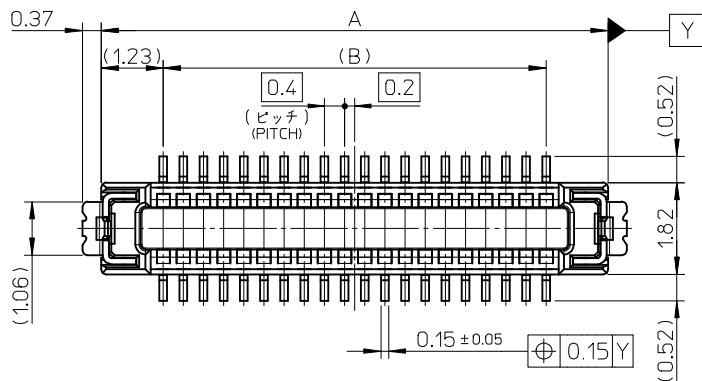
下地メッキ : ニッケルメッキ 1.0 マイクロメートル以上
UNDER PLATING : NICKEL 1.0MICROMETER MINIMUM

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

4. 嵌合相手 : 501527 シリーズ
MATE WITH : 501527 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



17.6	20.06	501531-0910	501531-0919	90
15.6	18.06	501531-0810	501531-0819	80
9.6	12.06	501531-0510	501531-0519	50
7.6	10.06	501531-0410	501531-0419	40
6.4	8.86	501531-3410	501531-3419	34
6.0	8.46	501531-3210	501531-3219	32
5.6	8.06	501531-0310	501531-0319	30
3.6	6.06	501531-0210	501531-0219	20
B	A	EMBOSSSED TAPE PKG.	MATERIAL No.	CKT
ORDER No.		オーダー番号	MODEL No. : 501531-**19	
SCALE		DESIGN UNITS	THIRD ANGLE PROJECTION	
10:1		METRIC		

REVISED EC NO.: J2009-0301 2008/08/27 DRAWN: MWABE 2008/08/28 CHKD: THARUYAMA 2008/08/28 APPR: NUKITA	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	RTAKEUCHI	2005/10/25	TITLE 0.4 B-TO-B CONN. HGT=1.3 PLUG ASSY [OVERMOLD] -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE					
		30 OVER	± 0.3	THIRATA	2005/10/25					
				APPROVED BY	DATE	MOLEX INCORPORATED				
		ANGULAR ±3 °		MSASAO	2005/10/25					
				MATERIAL NO.						
		SEE TABLE		SD-501531-001						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 1 OF 2						
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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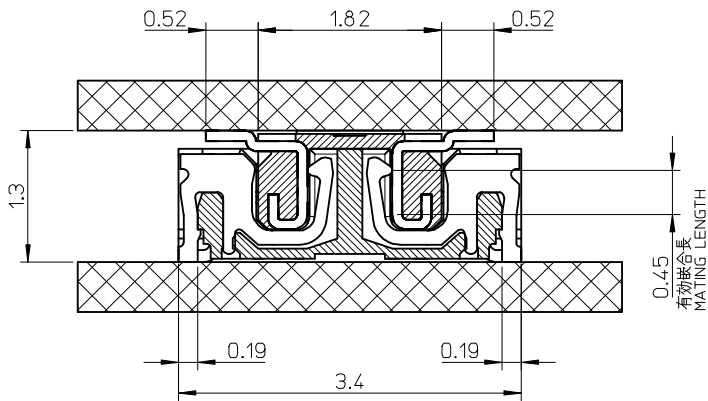
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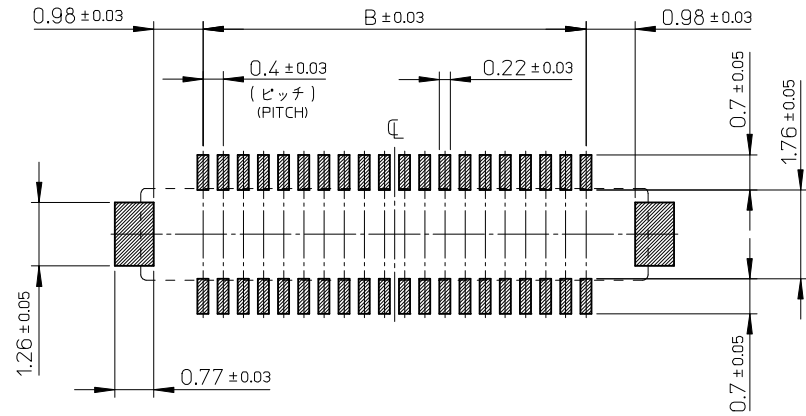
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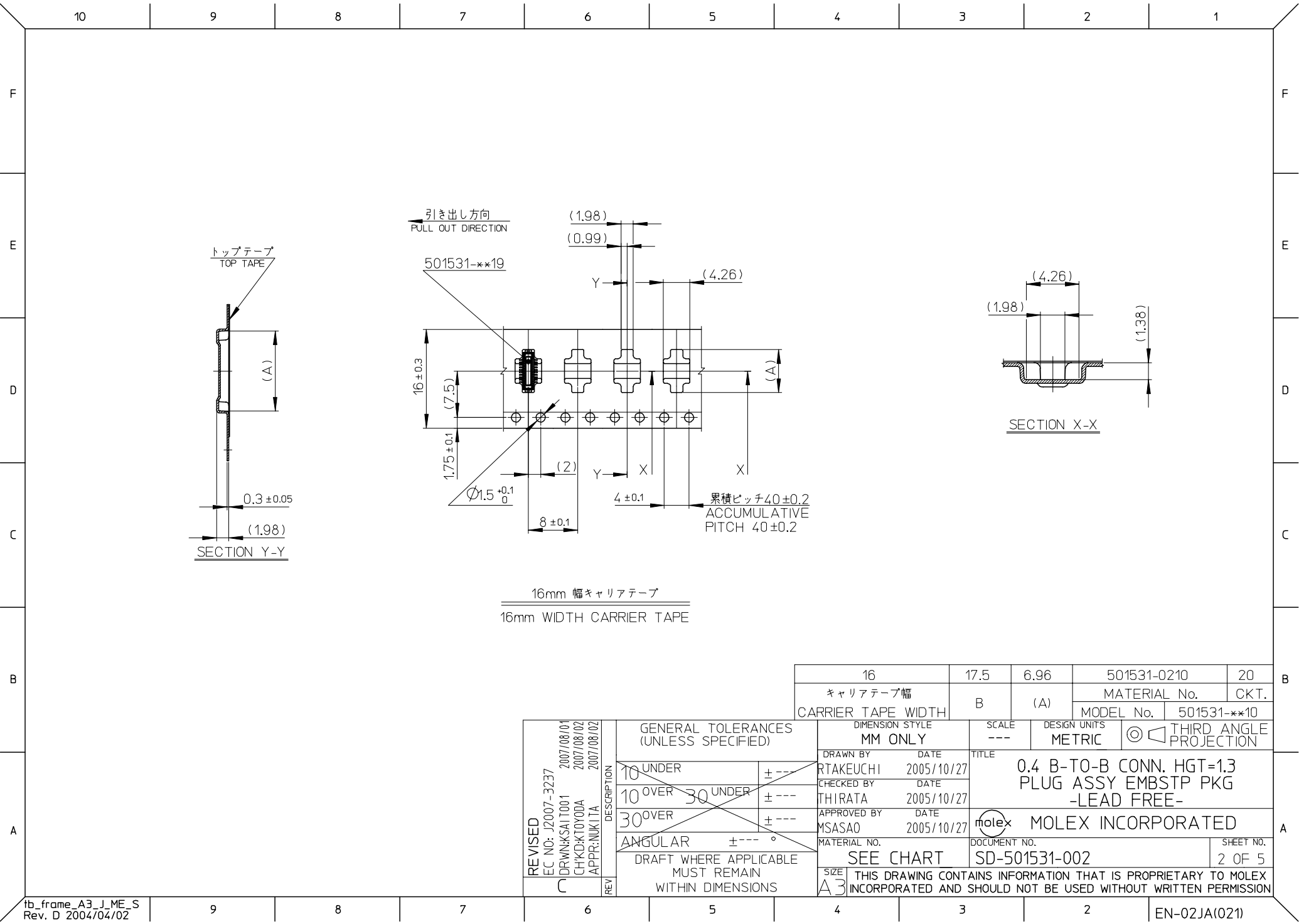
嵌合断面図 (参考)
MATED DRAWING (REFERENCE)



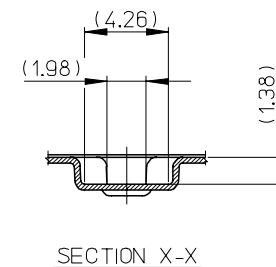
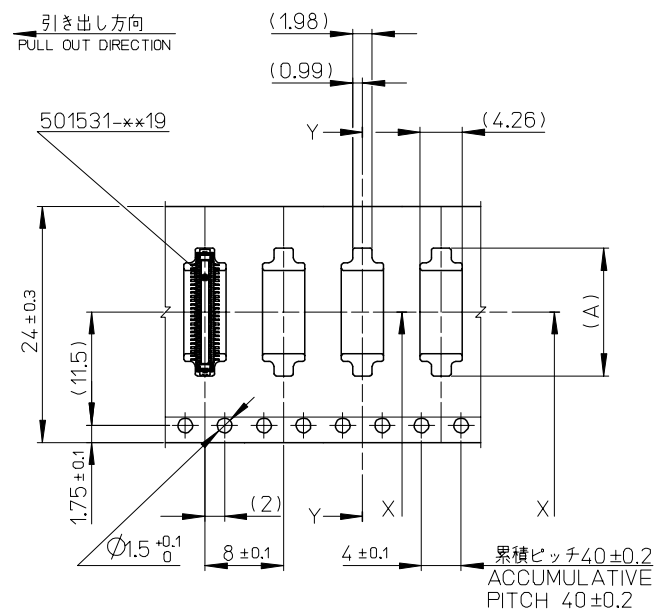
参考基板レイアウト (マウント面)
P.C.BOARD PATTERN DIMENSION (REFERENCE)
(MOUNTING AREA)

REVISED	EC NO: J2009-0301	2008/08/27	DRWN:MWABEI	2008/08/28	CHKD:THARUYAMA	2008/08/28	APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
									10 UNDER	±0.2	DRAWN BY RTAKEUCHI	DATE 2005/10/25	TITLE 0.4 B-TO-B CONN. HGT=1.3 PLUG ASSY [OVERMOLD] -LEAD FREE-			
									10 OVER 30 UNDER	±0.25	CHECKED BY THIRATA	DATE 2005/10/25				
									30 OVER	±0.3	APPROVED BY MSASAO	DATE 2005/10/25	MOLEX INCORPORATED			
									ANGULAR ±3 °		MATERIAL NO.					DOCUMENT NO.
D	REV								DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-501531-001		2 OF 2	
											SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

EN-02JA(021)

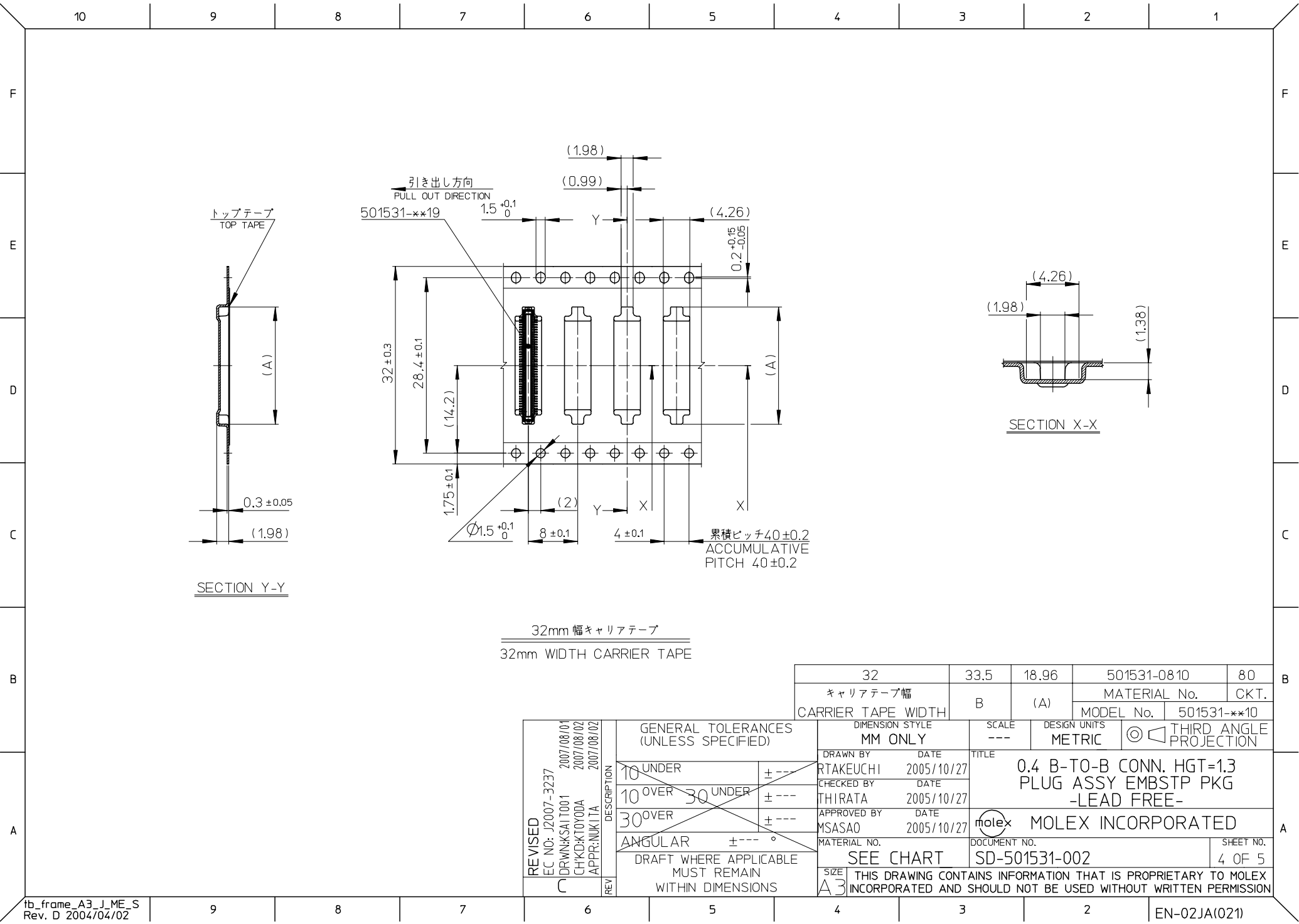


B							16		17.5		6.96		501531-0210		20		B
							キャリアテープ幅		B		(A)		MATERIAL No.		CKT.		
							CARRIER TAPE WIDTH						MODEL No.		501531-**10		
							DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION				
							MM ONLY		---		METRIC						
							DRAWN BY		DATE		TITLE						
							RTAKEUCHI		2005/10/27								
							CHECKED BY		DATE								
							THIRATA		2005/10/27								
							APPROVED BY		DATE								
						MSASAO		2005/10/27		molex		MOLEX INCORPORATED					
								MATERIAL NO.		DOCUMENT NO.				SHEET NO.			
								SEE CHART		SD-501531-002				2 OF 5			
								SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
								A3									



24	25.5	12.96	501531-0510		50
		10.96	501531-0410		40
		9.76	501531-3410		34
		9.36	501531-3210		32
		8.96	501531-0310		30
キャリアテープ幅 CARRIER TAPE WIDTH	B	(A)	MATERIAL No.		CKT.
			MODEL No.	501531-**10	

REVISED	EC NO: J2007-3237 DRWNG:SAI T001 CHKD:KTOYODA APPR:NUKITA	2007/08/01 2007/08/02 2007/08/02	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
				10 UNDER	± ---	DRAWN BY RTAKEUCHI	DATE 2005/10/27	TITLE 0.4 B-TO-B CONN. HGT=1.3 PLUG ASSY EMBSTP PKG -LEAD FREE-			
				10 OVER 30 UNDER	± ---	CHECKED BY THIRATA	DATE 2005/10/27				
				30 OVER	± ---	APPROVED BY MSASAO	DATE 2005/10/27	MOLEX INCORPORATED			
				ANGULAR	± --- °	MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-501531-002		3 OF 5	
			REV			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

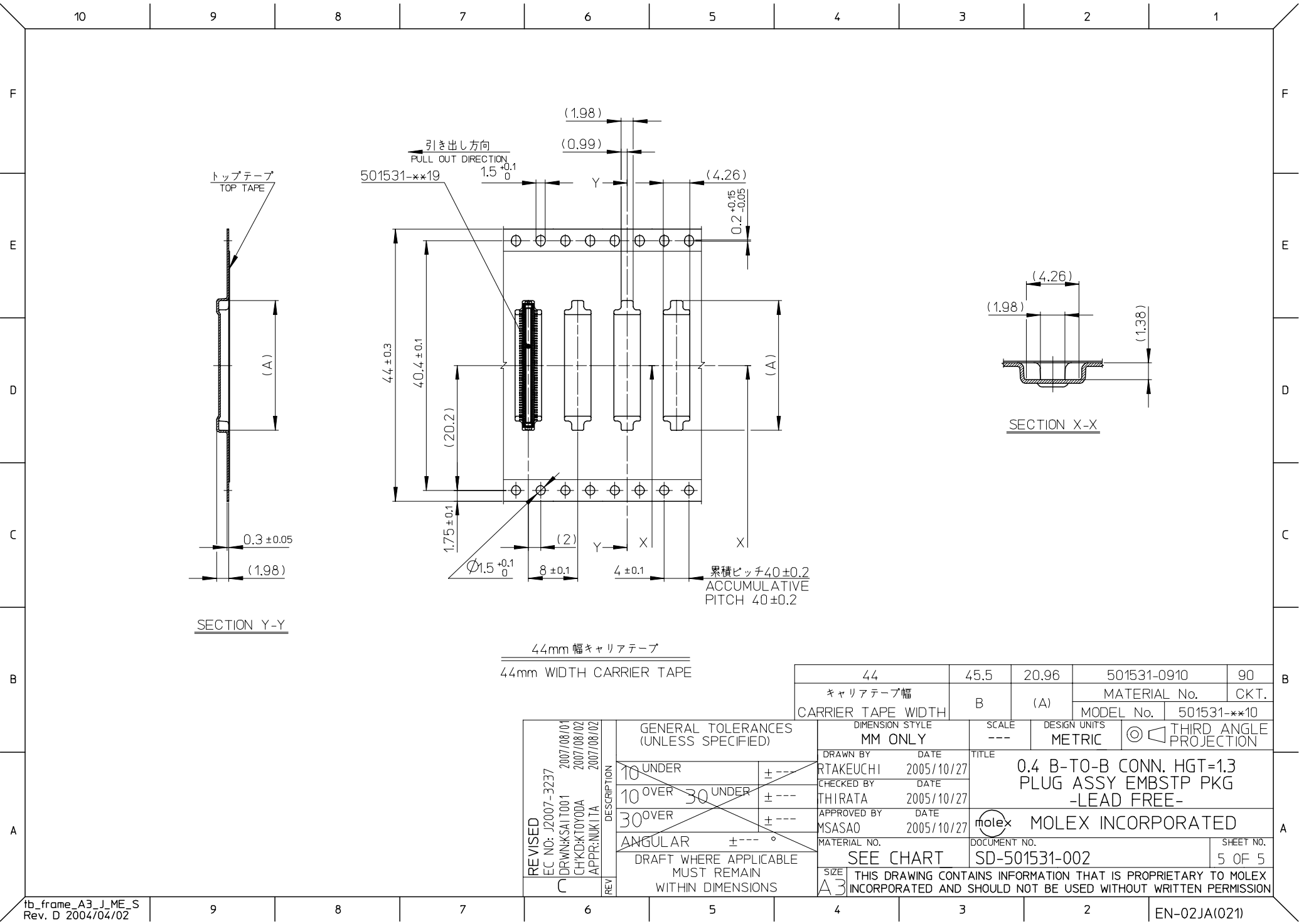


SECTION Y-Y

SECTION X-X

32mm 幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	33.5	18.96	501531-0810	80
キャリアテープ幅 CARRIER TAPE WIDTH		B	(A)	CKT.
		MODEL No.		501531-xx10
DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
DRAWN BY RTAKEUCHI	DATE 2005/10/27	TITLE 0.4 B-TO-B CONN. HGT=1.3 PLUG ASSY EMBSTP PKG -LEAD FREE-		
CHECKED BY THIRATA	DATE 2005/10/27			
APPROVED BY MSASAO	DATE 2005/10/27	MOLEX INCORPORATED		
MATERIAL NO.		DOCUMENT NO. SD-501531-002		SHEET NO. 4 OF 5
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



SECTION Y-Y

SECTION X-X

44mm 幅キャリアテープ
44mm WIDTH CARRIER TAPE

44	45.5	20.96	501531-0910	90
キャリアテープ幅 CARRIER TAPE WIDTH		B	(A)	MODEL No. 501531-xx10

REVISED EC NO: J2007-3237 DRW:KSAI T001 CHK:KTOY00A APPR:NUKITA C	DESCRIPTION 2007/08/01 2007/08/02 2007/08/02	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER	± ---	DRAWN BY RTAKEUCHI	DATE 2005/10/27	TITLE 0.4 B-TO-B CONN. HGT=1.3 PLUG ASSY EMBSTP PKG -LEAD FREE-			
		10 OVER 30 UNDER	± ---	CHECKED BY THIRATA	DATE 2005/10/27				
		30 OVER	± ---	APPROVED BY MSASAO	DATE 2005/10/27				
		ANGULAR	± --- °	MATERIAL NO.		DOCUMENT NO. SD-501531-002		SHEET NO. 5 OF 5	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		MOLEX INCORPORATED			
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					