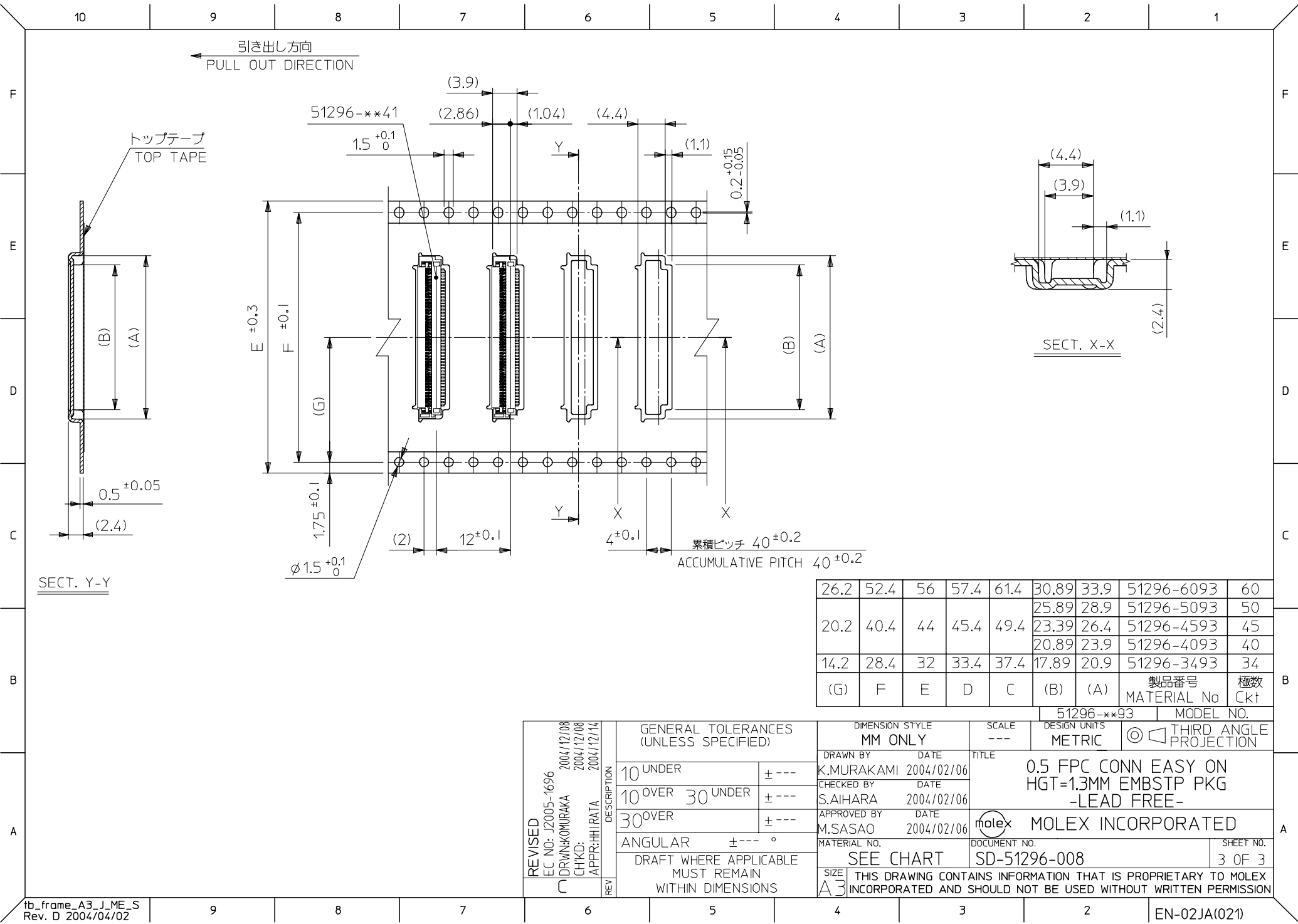
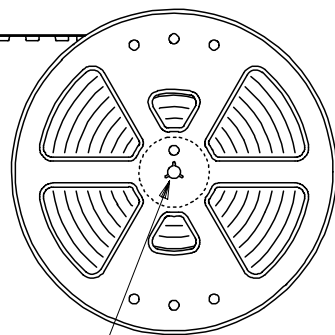
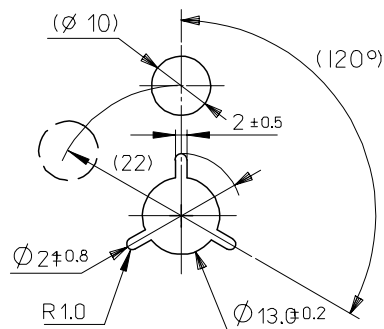
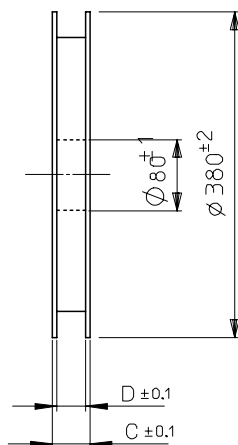




引き出し方向

PULL OUT
DIRECTION

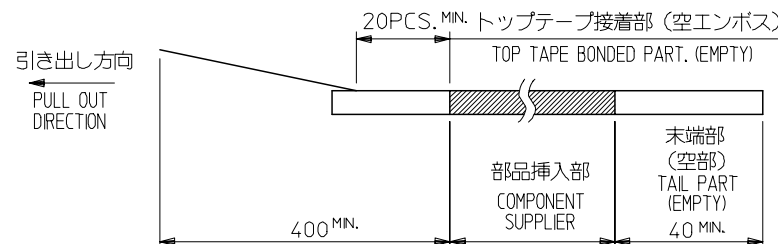
"Z"



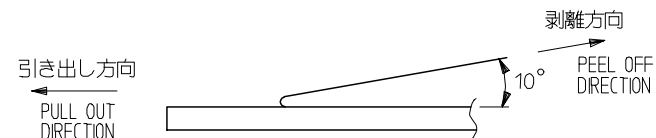
DETAIL "Z"

NOTES

- 製品詳細寸法については図面 SD-51296-007 を参照下さい。
RE DETAILED DIMENSION, SEE SD-51296-007
- 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

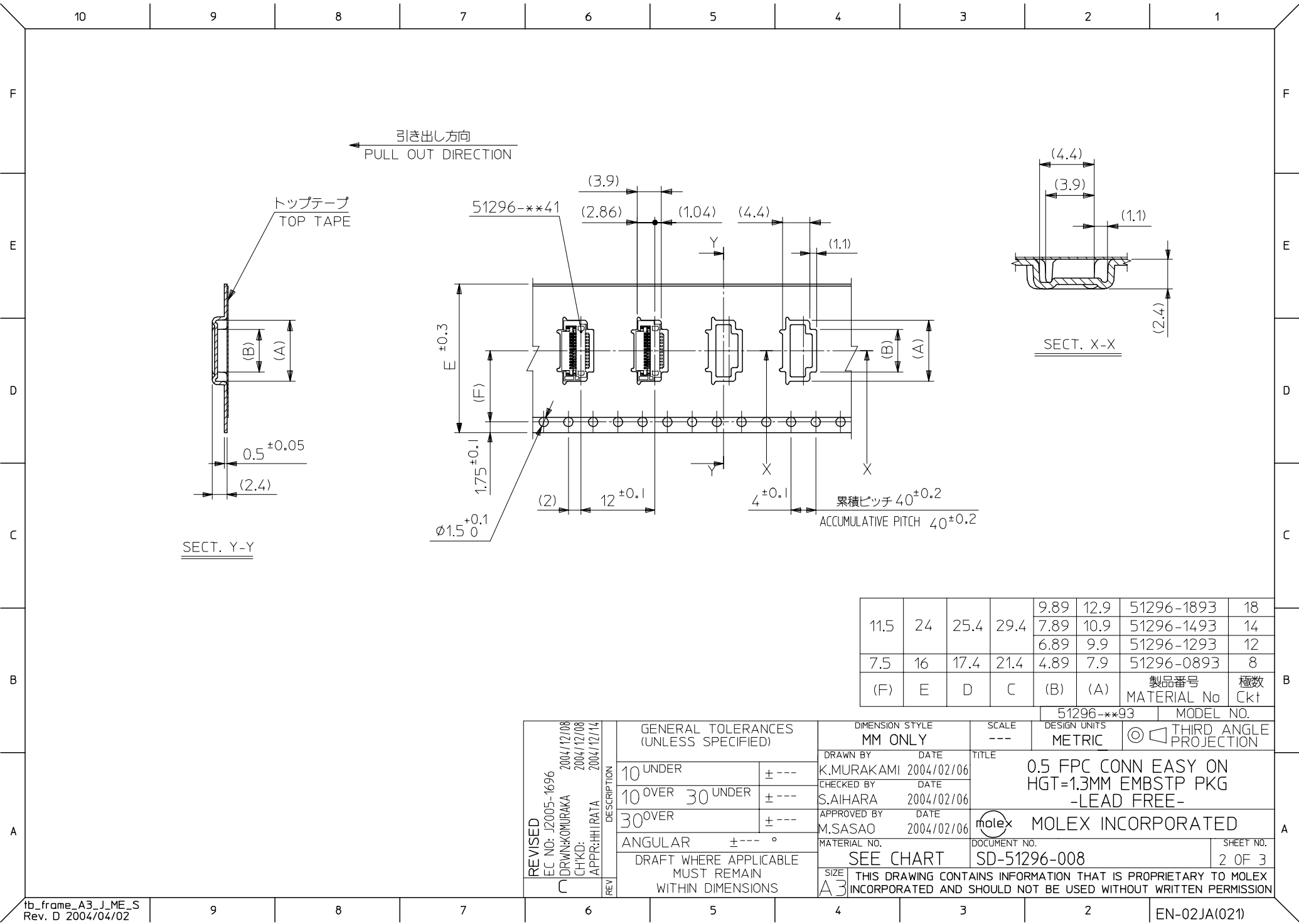


- トップテープの剥離強度：0.1N ～1.3N(10gf ～130gf)
(剥離方向は下図参照)
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE：0.1N ～1.3N(10gf ～130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTATION.



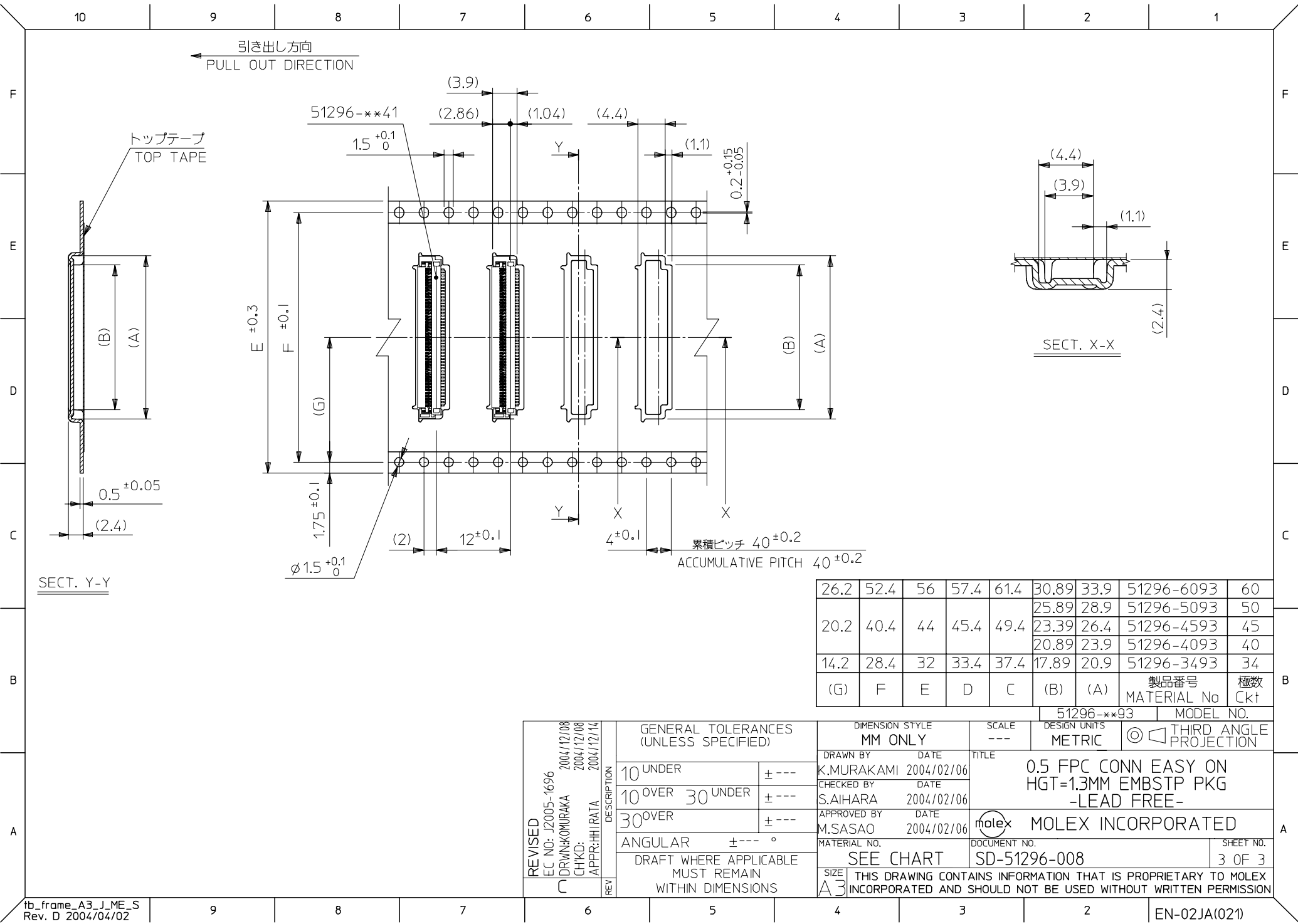
- 材料(MATERIAL)
キャリアテープ (CARRIER TAPE) :ポリプロピレン (POLYPROPYLENE)
トップテープ (TOPTAPE) : PET, PE, PEF
リール(REEL): ポリスチレン (PS) <リサイクル材を含む>
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
- 本製品は、51296-**92 の鉛フリー製品である。
THIS PRODUCT IS LEAD FREE OF 51296-**92.

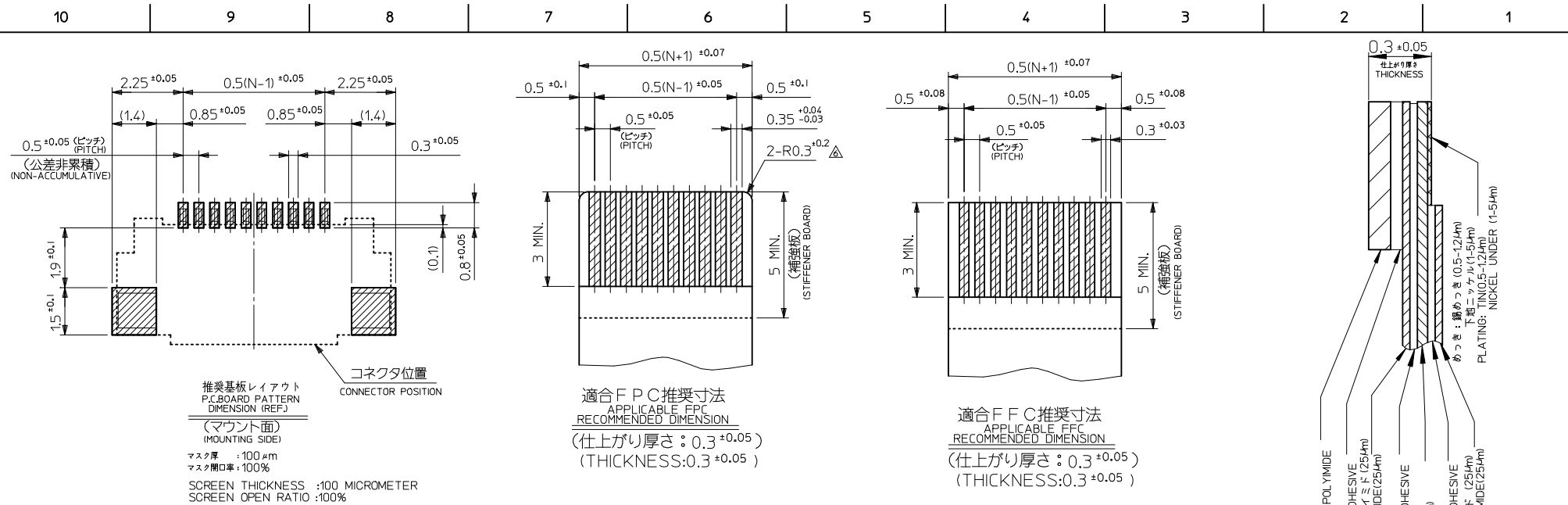
REVISED	EC NO: J2005-1696 DRAWN BY: K.MURAKAMI CHKD: 2004/12/08 APPR: HIRATA 2004/12/14	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
			10 UNDER	± ---	DRAWN BY K.MURAKAMI	DATE 2004/02/06	TITLE 0.5 FPC CONN EASY ON HGT=1.3MM EMBSTP PKG -LEAD FREE-			
			10 OVER 30 UNDER	± ---	CHECKED BY S.AIHARA	DATE 2004/02/06				
			30 OVER	± ---	APPROVED BY M.SASAO	DATE 2004/02/06	 MOLEX INCORPORATED			
			ANGULAR ± --- °		MATERIAL NO.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-51296-008		1 OF 3	
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



11.5	24	25.4	29.4	9.89	12.9	51296-1893	18
				7.89	10.9	51296-1493	14
				6.89	9.9	51296-1293	12
7.5	16	17.4	21.4	4.89	7.9	51296-0893	8
(F)	E	D	C	(B)	(A)	製品番号 MATERIAL No	極数 Ckt

REVISED EC NO: J2005-1696 DRAWN: K. MURAKAMI CHKD: S. AIHARA APPR: H. HIRATA	2004/12/08 2004/12/08 2004/12/14	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			10 UNDER	± ---	DRAWN BY K. MURAKAMI	DATE 2004/02/06	TITLE 0.5 FPC CONN EASY ON HGT=1.3MM EMBSTP PKG -LEAD FREE-		
			10 OVER 30 UNDER	± ---	CHECKED BY S. AIHARA	DATE 2004/02/06			
			30 OVER	± ---	APPROVED BY M. SASAO	DATE 2004/02/06	MOLEX MOLEX INCORPORATED		
			ANGULAR	± --- °	MATERIAL NO.				DOCUMENT NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-51296-008		2 OF 3
					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)、ベージュ、ガラス充填、UL94V-0
HOUSING LIQUID CRYSTAL POLYMER, BEIGE, GLASS FILLED, UL94V-0
- アクチュエータ : ポリアミド(PPS)、黒、ガラス充填、UL94V-0
ACTUATOR POLYAMIDE, BLACK, GLASS FILLED, UL94V-0
- ターミナル : リン青銅 (t=0.18)
TERMINAL PHOSPOR BRONZE
- 金具 : リン青銅 (t=0.15)
FITTING NAIL PHOSPOR BRONZE

2. メッキ仕様 PLATING

- ターミナル TERMINAL
- 鍍銀ビスマスマッキ (1.0μm以上)
TIN SILVER BISMUTH PLATING (1.0 MICROMETER MINIMUM)
- 下地 : ニッケルめっき(1.0μm以上)
UNDER PLATING:NICKEL PLATING (1.0 MICROMETER MINIMUM)
- 金具 FITTING NAIL
- 鍍メッキ (1.0μm以上)
TIN PLATING (1.0 MICROMETER MINIMUM)
- 下地 : ニッケルめっき(1.0μm以上)
UNDER PLATING:NICKEL PLATING (1.0 MICROMETER MINIMUM)

3. エンボステープ梱包時は、アクチュエータが閉じた状態とする。
IN THE PACKAGE,ACTUATOR SHOULD BE CLOSED.

- △偶数極に適用。
APPLY FOR EVEN CIRCUIT.
- △バターンはくり止め用金具
FITTING NAIL FOR PREVENTION OF PEELING OF PCB PATTERN.
- △R0.3は、FPC導体部にかからないこと。
R0.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.
- △極数によりハウジング形状が異なるので注意のこと。
THE HOUSING SHAPE IS DIFFERENT ACCORDING TO THE CIRCUIT.
8. テール及び金具の平坦度は、0.1ミリメートル以下とする。
TAIL AND FITTING NAIL COPLANARITY TO BE 0.1 MILLIMETERS.
9. ELV及びRoHS適合品
ELV AND RoHS COMPLIANT

FPCについて:

- 抜き方向は、導体側から補強板側を推奨致します。
- 補強フィルム材質は、ポリイミドを推奨致します。
- 接着剤は熱硬化接着剤を推奨します。
- 尚、接着剤の接点部への付着は導通不良の原因になりますので、
- 染み出しが無い様お願い致します。

ABOUT FPC:

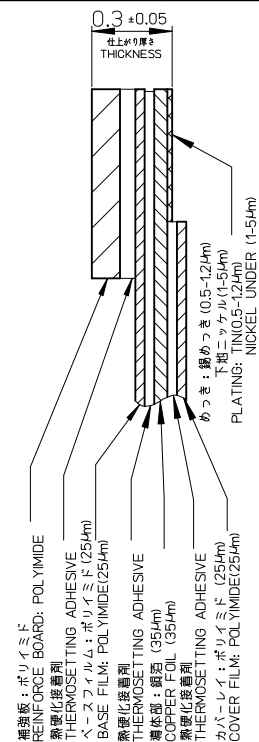
- RECOMMENDED PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFNER SIDE
- RECOMMENDED MATERIAL : STIFFENER FILM POLYIMIDE
- BONDING AGENT : THERMOSETTING AGENT
- PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND
BECAUSE THERE IS A POSSIBILITY THAT THE EXTRA ADHESIVE
CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.

FFC/FPCについて:

- 打抜き方向は導体側から補強板側を推奨致します。
- 導体部については軟銅箔35μmまたは50μmを推奨致します。

ABOUT FFC/FPC:

- RECOMMENDED PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFENER FILM SIDE.
- RECOMMENDED CONDUCTOR SPECIFICATION:
THICKNESS OF SOFT COPPER FOIL: 35MICROMETER OR 50 MICROMETER



FPC構成推奨仕様
STRUCTURE OF FPC

SEE SHEET 1 OF 2 EC NO.: J2014-0096 DWG: AISHII CHK: KKTAKAHASHI APPR: YNOGAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION						
		10 UNDER	± ---	AISHII	2012/09/19	TITLE 0.5MM FPC CONN F/F E/O HOUSING ASSY								
		10 OVER 30 UNDER	± ---	KTAKAHASHI	2012/09/19									
		30 OVER	± ---	APPROVED BY KMORIKAWA	DATE 2013/03/15	molex								
		ANGULAR ± --- °		MATERIAL NO.							DOCUMENT NO.			SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET1							SD-51296-017			2 OF 2
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										