

F

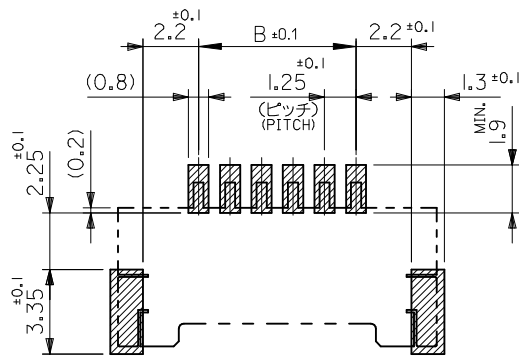
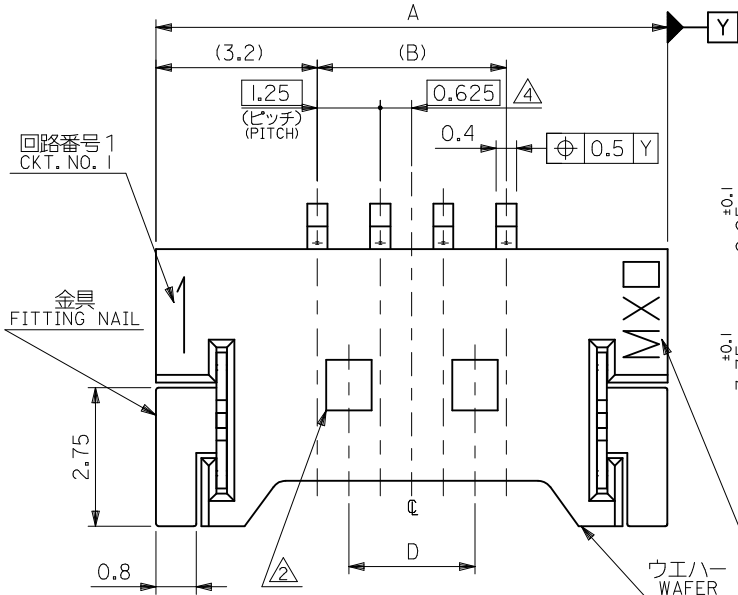
E

D

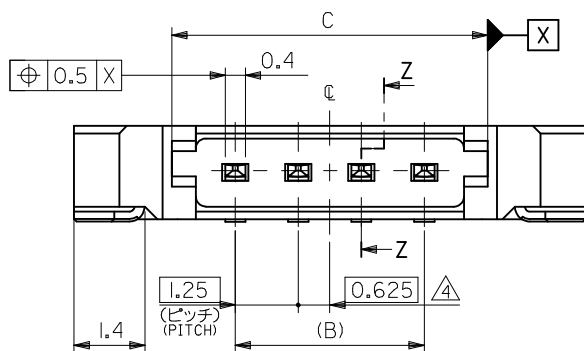
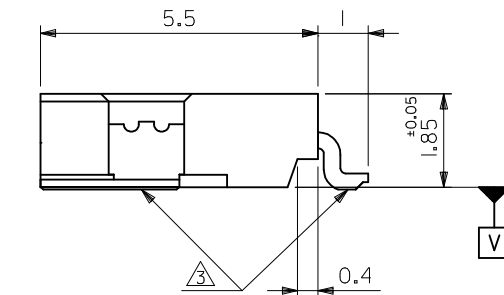
C

B

A



参考基板レイアウト
RECOMMENDED P.C.BOARD PATTERN DIM. (REF.)

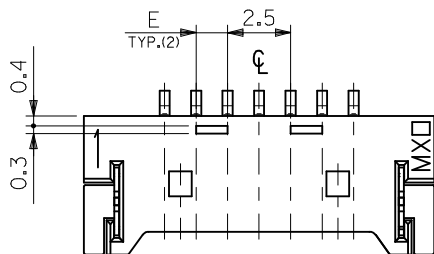


注記 NOTES

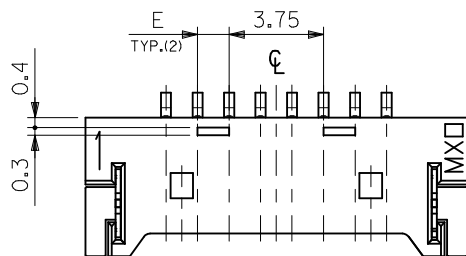
1. 嵌合相手：51146 シリーズ
MATES WITH : 51146 SERIES
2. ロック窓は2、3極品は1箇所、4極品以上は2箇所とする。
LOCKING WINDOW : ONE PLACE FOR 2 AND 3 CIRCUIT PRODUCTS
AND TWO PLACES FOR MORE THAN 3 CIRCUIT PRODUCTS.
3. 基準面 V からソルダーテールと金具の半田付け面のズレ量は、
上方向に 0.05MAX. 下方向 0.15MAX. とし、20 極以下の相互の
バラツキ量は 0.1MAX. とする。
MISALIGNMENT OF SOLDER TAIL AND FITTING NAIL FROM V
: UPPER DIRECTION 0.05MAX.
: LOWER DIRECTION 0.15MAX.
: OFFSET BETWEEN UPPER AND LOWER 0.1MAX. (UNDER 20 CKTS.)
4. 偶数極の製品に適用。
APPLY EVEN CIRCUIT PRODUCTS.
5. 材質 MATERIAL
ウエハー WAFER : PPS, UL94V-0
ピン: リン青銅 PIN: PHOSPHOR BRONZE
コンタクト部: 金メッキ 0.2 マイクロメートル以上
CONTACT AREA: GOLD 0.2 MICROMETER MINIMUM
テール部: 銅メッキ 3.0 マイクロメートル以上
TAIL AREA: TIN 3.0 MICROMETER 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 1.0 MICROMETER MINIMUM
金具: リン青銅 FITTING NAIL: PHOSPHOR BRONZE
銅メッキ 3.0 マイクロメートル以上
TIN 3.0 MICROMETER 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 1.0 MICROMETER MINIMUM
6. 本製品は 53780-**-10/-**18 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53780-**-10/-**18.

16.25	22.5	38.77	36.25	42.65	53780-3070	53780-3019	30
8.75	22.5	26.27	23.75	30.15	-2070	-2019	20
7.5	20	23.77	21.25	27.65	-1870	-1819	18
6.25	16.25	20.02	17.5	23.9	-1570	-1519	15
5	15	18.77	16.25	22.65	-1470	-1419	14
3.75	12.5	16.27	13.75	20.15	-1270	-1219	12
2.5	8.75	12.52	10	16.4	-0970	-0919	9
1.25	7.5	11.27	8.75	15.15	-0870	-0819	8
1.25	6.25	10.02	7.5	13.9	-0770	-0719	7
—	5	8.77	6.25	12.65	-0670	-0619	6
—	3.75	7.52	5	11.4	-0570	-0519	5
—	2.5	6.27	3.75	10.15	-0470	-0419	4
—	—	5.02	2.5	8.9	-0370	-0319	3
—	—	3.77	1.25	7.65	53780-0270	53780-0219	2
E	D	C	B	A	EMBOSSD TAPE	MATERIAL NO.	CKT.
					ORDER No. オダー番号	製品番号	極数

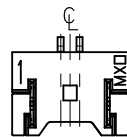
REVISED EC NO: J2009-1158 DRW:RTS/ROKA 2008/11/07 CHKD:THARUYAMA 2008/11/07 APPR:NUKITA 2008/11/07	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY T. UENO	DATE '04/04/15	TITLE 1.25 W/B CONN WAFER ASSY FOR SMT -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY M. SASAO	DATE '04/04/15					
		30 OVER	±0.3	APPROVED BY M. SASAO	DATE '04/04/15	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-53780-003		1 OF 2			
D	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



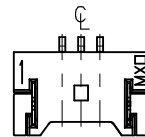
7~19 極の奇数極に適用
APPLY FOR ODD CIRCUITS OF 7~19



8~30 極の偶数極に適用
APPLY FOR EVEN CIRCUITS OF 8~30

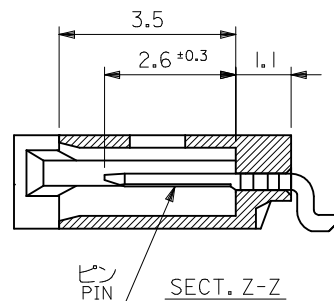


2 CKT.



3 CKT.

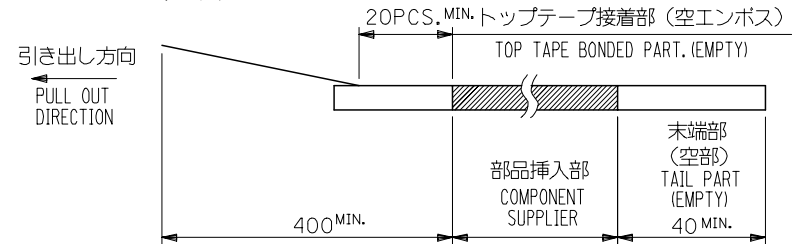
ロック形状図
LOCK CONFIGURATION



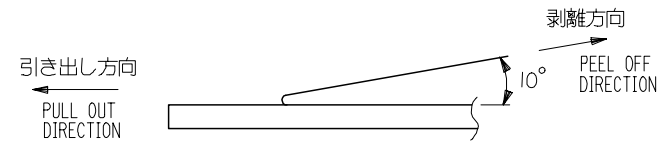
REVISED EC NO.: J2009-1158 DRAWN: TSURUOKA 2008/11/07 CHKD: THARUYAMA 2008/11/07 APPR: NUKITA 2008/11/07 D	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER	±0.2	DRAWN BY T. UENO	DATE '04/04/15	TITLE 1.25 W/B CONN WAFER ASSY FOR SMT -LEAD FREE-			
		10 OVER 30 UNDER	±0.25	CHECKED BY M. SASAO	DATE '04/04/15				
		30 OVER	±0.3	APPROVED BY M. SASAO	DATE '04/04/15				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-53780-003		2 OF 2		
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

NOTES

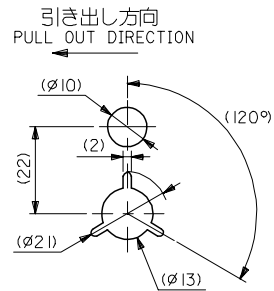
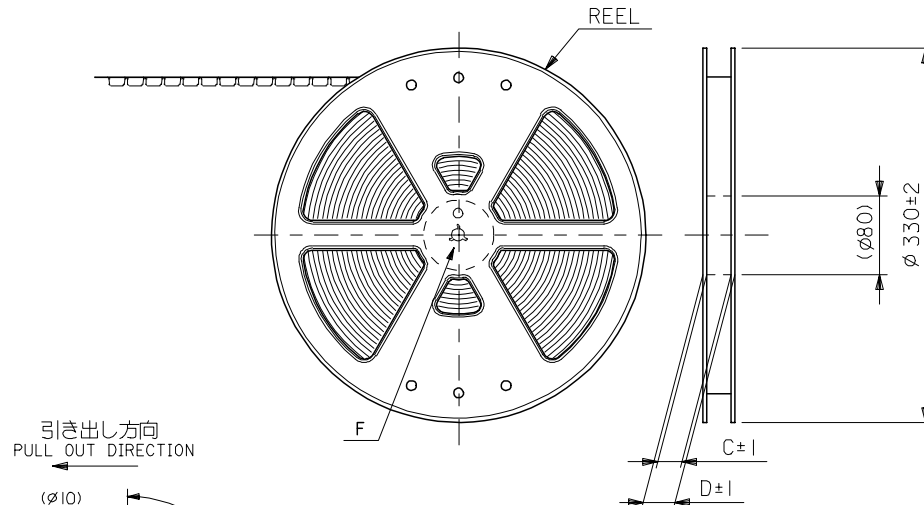
- 梱包数量：1500個/リール
NUMBER OF CONNECTORS : 1500PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



3. 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.

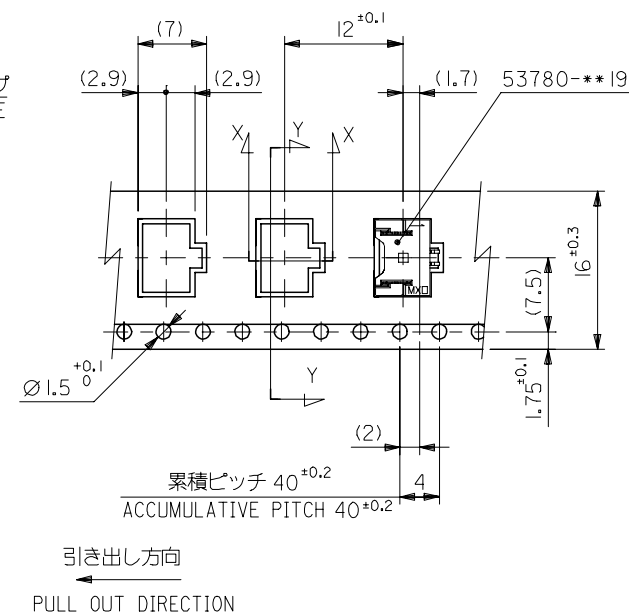
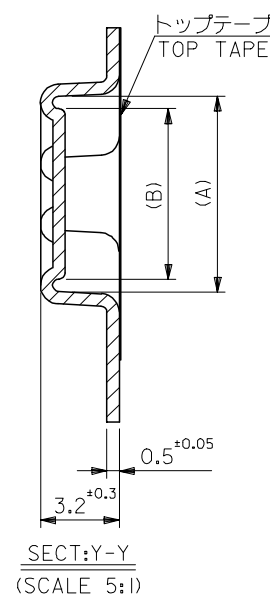
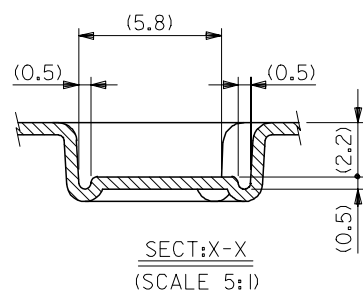
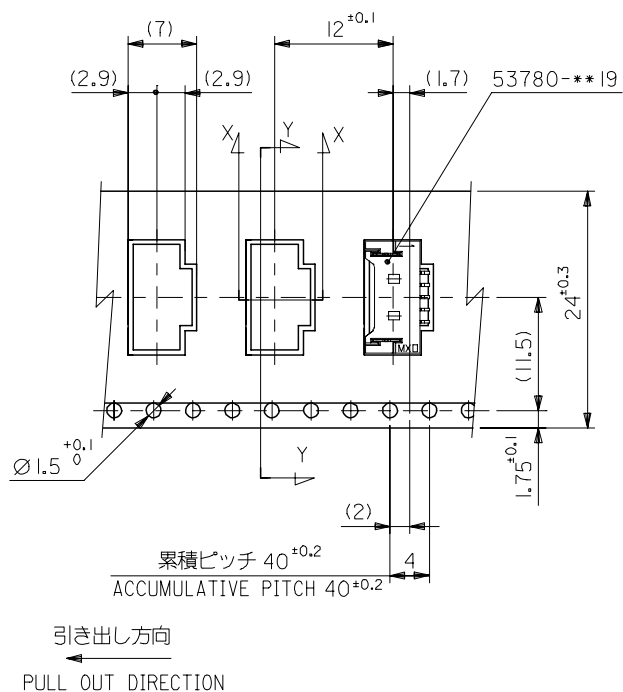


4. 材料 (MATERIAL)
キャリアテープ (CARRIER TAPE) : ポリプロピレン (POLYPROPYLENE)
トップテープ (TOP TAPE) : PET , PE , PEF
リール (REEL) : ポリスチレン (PS) <リサイクル材を含む>
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
5. 本製品は 53780-**-90/-**-80 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53780-**-90/-**-80.



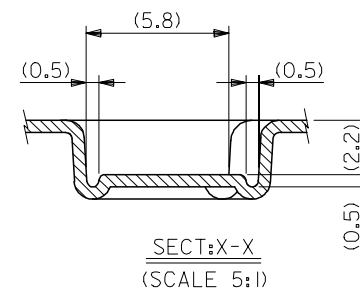
DETAIL F

REVIS EC NO: J2006-1562 DRWN: NABE1 2005/11/16 CHKD: KTOYODA 2005/11/17 APPR: NUKITA 2005/11/21 REV A		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	MODEL NO. 53780-**-70
		10 UNDER	±0.2	DRAWN BY T. UENO	DATE '04/04/15	1.25 W/B WAFER ASSY EMBOSSD TAPE PACKAGE -LEAD FREE- MOLEX INCORPORATED	
		10 OVER 30 UNDER	±0.25	CHECKED BY M. SASAO	DATE '04/04/15		
		30 OVER	±0.3	APPROVED BY M. SASAO	DATE '04/04/15		
		ANGULAR	±3 °	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-53780-004	SHEET NO. 1 OF 4
		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			



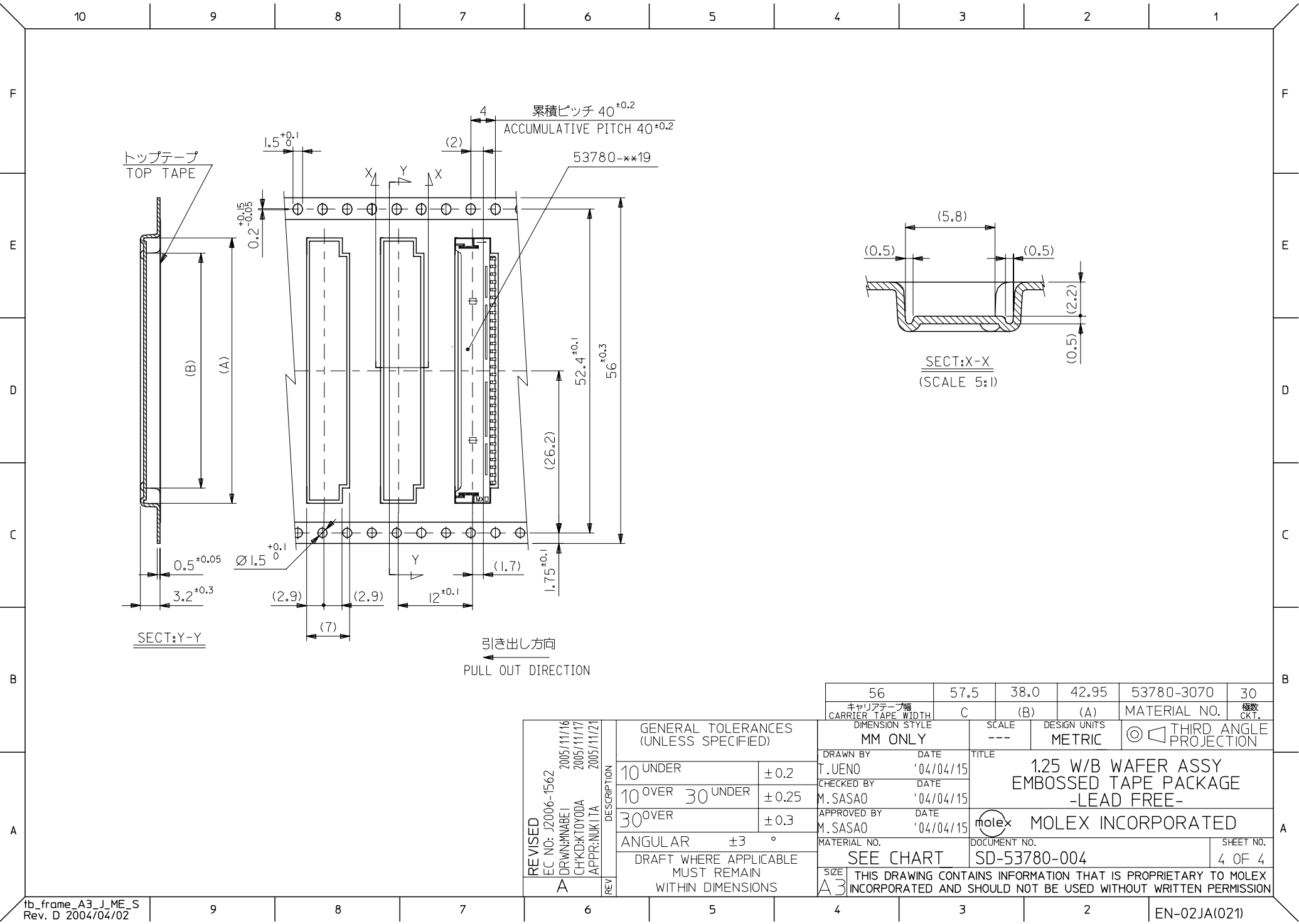
24	29.4	25.4	11.75	16.7	53780-0970	9
			10.5	15.45	53780-0870	8
			9.25	14.2	53780-0770	7
			8	12.95	53780-0670	6
			6.75	11.7	53780-0570	5
			5.5	10.45	53780-0470	4
16	21.4	17.4	4.25	9.2	53780-0370	3
			3	7.95	53780-0270	2
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CKT.

REVISED	EC NO: J2006-1562 DRAWN: NABEI CHKD: K TOYODA APPR: NUKITA	2005/11/16 2005/11/17 2005/11/17	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	MODELING DESIGN UNITS METRIC	53780-004 THIRD ANGLE PROJECTION	
				10 UNDER	± 0.2	DRAWN BY T. UENO	DATE '04/04/15	TITLE 1.25 W/B WAFER ASSY EMBOSSSED TAPE PACKAGE -LEAD FREE-			
				10 OVER 30 UNDER	± 0.25	CHECKED BY M. SASAO	DATE '04/04/15				
				30 OVER	± 0.3	APPROVED BY M. SASAO	DATE '04/04/15	MOLEX INCORPORATED DOCUMENT NO. SHEET NO. SEE CHART SD-53780-004 2 OF 4			
				ANGULAR ±3 °		MATERIAL NO.					
				A	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		



44	49.4	45.4	25.5	30.45	53780-2070	20
			25.5	27.95	53780-1870	18
			19.25	24.2	53780-1570	15
			18	22.95	53780-1470	14
			15.5	20.45	53780-1270	12
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CKT.

REVISED EC NO: J2006-1562 DRAWN: WABEI CHKD: K TOYODA APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	MODEL NO. DESIGN UNITS METRIC	35780-004 THIRD ANGLE PROJECTION	
		10 UNDER	±0.2	DRAWN BY T. UENO	DATE '04/04/15	TITLE 1.25 W/B WAFER ASSY EMBOSSSED TAPE PACKAGE -LEAD FREE-			
		10 OVER 30 UNDER	±0.25	CHECKED BY M. SASAO	DATE '04/04/15				
		30 OVER	±0.3	APPROVED BY M. SASAO	DATE '04/04/15	MOLEX MOLEX INCORPORATED			
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
	REV	A	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-53780-004		3 OF 4
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									



REVISED EC NO: J2006-1562 DRWN:MABEI CHKD:KTOYODA APPR:NUKITA A	2005/11/16 2005/11/17 2005/11/21	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			10 UNDER	± 0.2	DRAWN BY T.UENO		DATE '04/04/15	TITLE 1.25 W/B WAFER ASSY EMBOSSSED TAPE PACKAGE -LEAD FREE-				
			10 OVER 30 UNDER	± 0.25	CHECKED BY M.SASAO		DATE '04/04/15					
			30 OVER	± 0.3	APPROVED BY M.SASAO		DATE '04/04/15	MOLEX MOLEX INCORPORATED				
			ANGULAR	±3 °	MATERIAL NO.		DOCUMENT NO.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-53780-004		4 OF 4			
			REV			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				