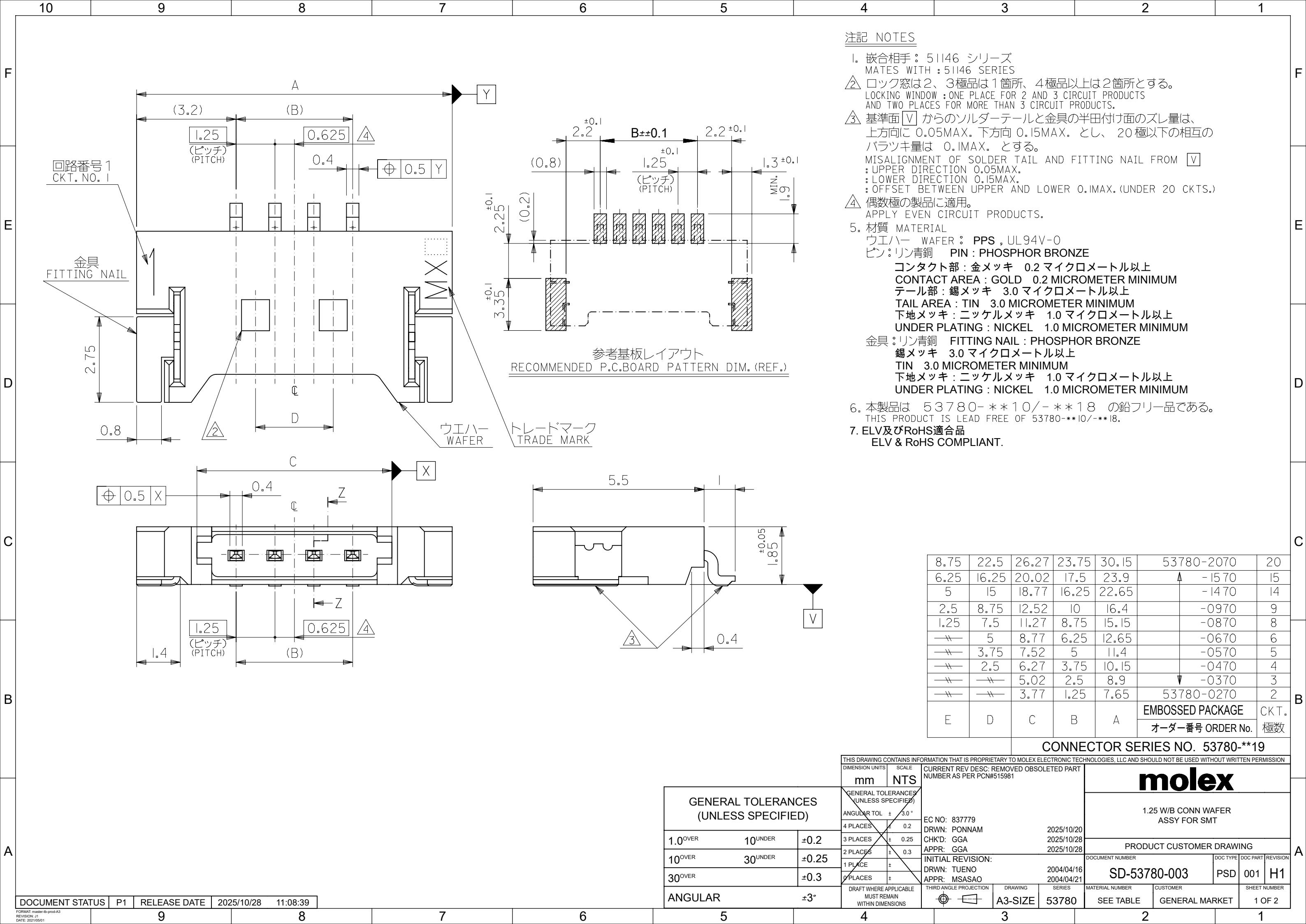




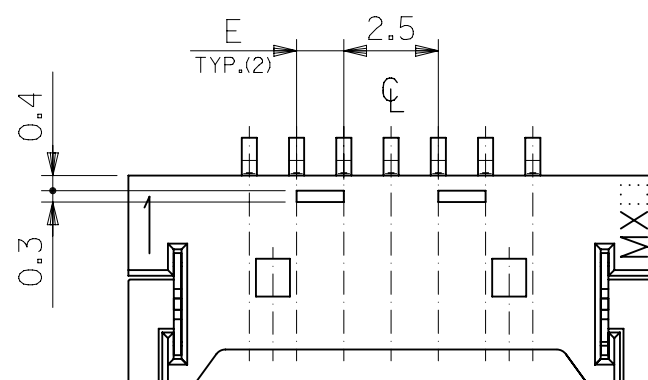
注記 NOTES

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 ∇ からの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 ∇
: 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: 錫メッキ 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
錫メッキ 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.
7. ELV及びRoHS適合品
ELV & RoHS COMPLIANT.

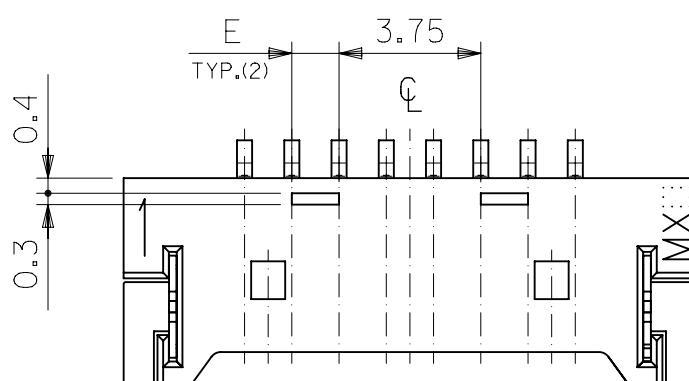
8.75	22.5	26.27	23.75	30.15	53780-2070	20
6.25	16.25	20.02	17.5	23.9	↑ -1570	15
5	15	18.77	16.25	22.65	↑ -1470	14
2.5	8.75	12.52	10	16.4	↑ -0970	9
1.25	7.5	11.27	8.75	15.15	↑ -0870	8
—	5	8.77	6.25	12.65	↑ -0670	6
—	3.75	7.52	5	11.4	↑ -0570	5
—	2.5	6.27	3.75	10.15	↑ -0470	4
—	—	5.02	2.5	8.9	↑ -0370	3
—	—	3.77	1.25	7.65	53780-0270	2
E	D	C	B	A	EMBOSSED PACKAGE	CKT.
オーダー番号 ORDER No.					極数	

CONNECTOR SERIES NO. 53780-**-19

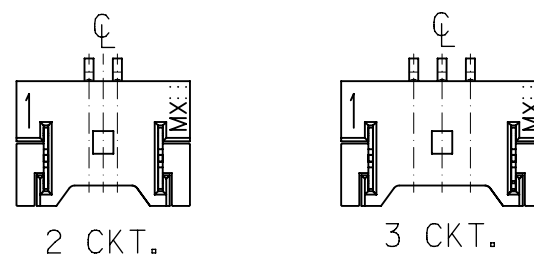
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#515981				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL		± 3.0 °		EC NO: 837779 DRWN: PONNAM 2025/10/20 CHK'D: GGA 2025/10/28 APPR: GGA 2025/10/28				1.25 W/B CONN WAFER ASSY FOR SMT	
4 PLACES		± 0.2							
3 PLACES		± 0.25							
2 PLACES		± 0.3		INITIAL REVISION: DRWN: TUENO 2004/04/16 APPR: MSASAO 2004/04/21				PRODUCT CUSTOMER DRAWING	
1 PLACE		±							
0 PLACES		±							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
				A3-SIZE		53780			
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				SEE TABLE		GENERAL MARKET		1 OF 2	



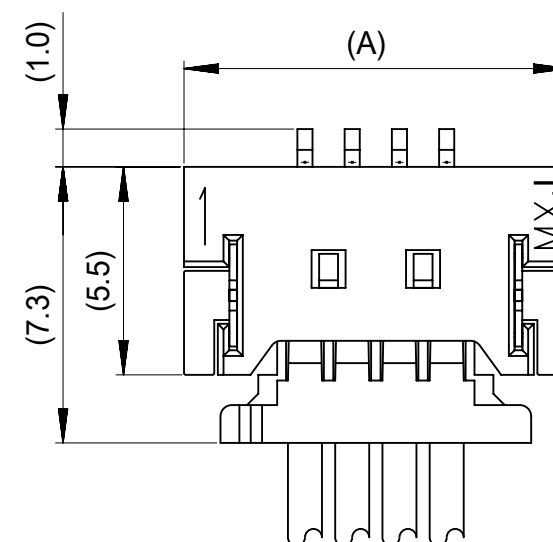
7～19極の奇数極に適用
APPLY FOR ODD CIRCUITS OF 7～19



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

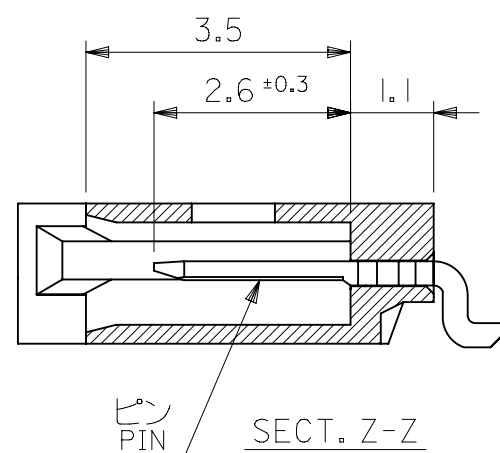


LOCK CONFIGURATION

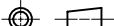


嵌合図 (SCALE 5:1)

MATED CONNECTORS (SCALE 5:1)

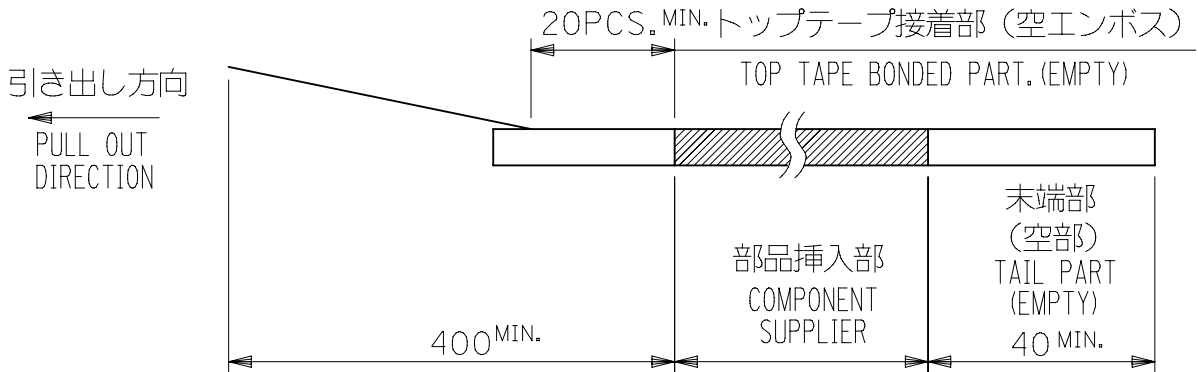


GENERAL TOLERANCES (UNLESS SPECIFIED)		
1.0 ^{OVER}	10 ^{UNDER}	±0.2
10 ^{OVER}	30 ^{UNDER}	±0.25
30 ^{OVER}		±0.3
ANGULAR		±3°

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#515981				molex			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± 3.0°		EC NO: 837779				1.25 W/B CONN WAFER ASSY FOR SMT					
4 PLACES ± 0.2		DRWN: PONNAM 2025/10/20									
3 PLACES ± 0.25		CHK'D: GGA 2025/10/28									
2 PLACES ± 0.3		APPR: GGA 2025/10/28				PRODUCT CUSTOMER DRAWING					
1 PLACE ±		INITIAL REVISION:									
0 PLACES ±		DRWN: TUENO 2004/04/16				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
		APPR: MSASAO 2004/04/21				SD-53780-003		PSD	001	H1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE	53780	SEE TABLE		GENERAL MARKET		2 OF 2	

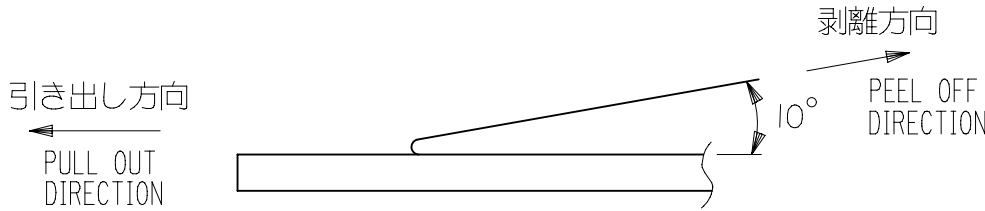
NOTES

1. 梱包数量：1500個／リール
NUMBER OF CONNECTORS：1500PCS／REEL
2. 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)

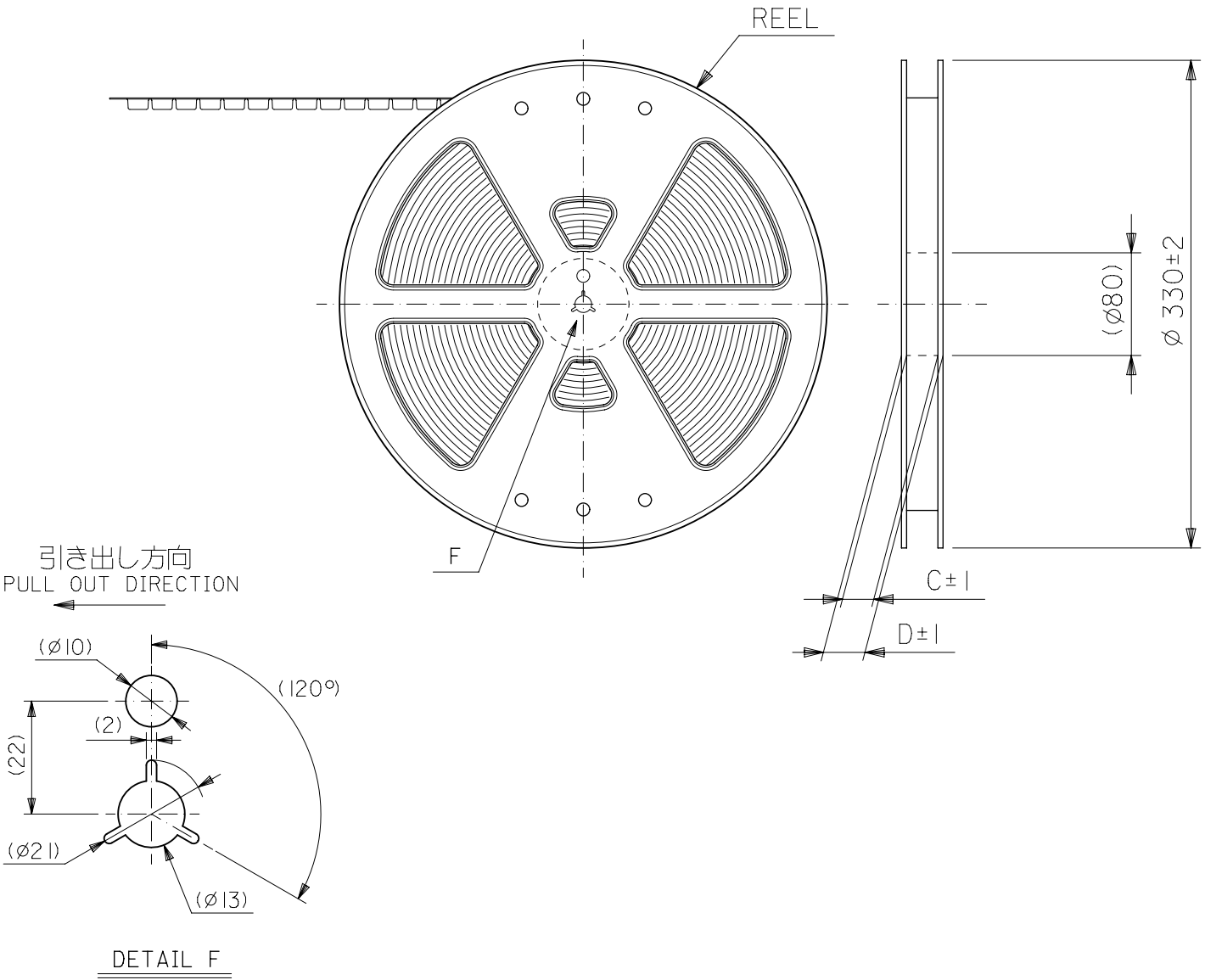
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE：0.1N ～ 1.3N(10gf ～ 130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTATION.



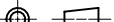
4. 材料(MATERIAL)
キャリアテープ(CARRIER TAPE)：ポリプロピレン(POLYPROPYLENE)
トップテープ(TOPTAPE)：PET , PE , PEF
リール(REEL)：ポリスチレン (PS) <リサイクル材を含む>
POLYSTYRENE(PS) <RECYCLE MATERIAL CONTAINED>

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.

6. ELV及びRoHS適合品
ELV & RoHS COMPLIANT



MODEL NO. 53780- **70

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#510806									
mm		NTS		molex 1.25 W/B WAFER ASSY EMBOSSED TAPE PACKAGE									
GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0 ° 4 PLACES ± 0.2 3 PLACES ± 0.25 2 PLACES ± 0.3 1 PLACE ± 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		PRODUCT CUSTOMER DRAWING											
		EC NO: 733771 DRWN: ANIKES1 2023/01/18 CHK'D: GGA 2023/02/24 APPR: GGA 2023/02/24				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
		INITIAL REVISION: DRWN: MUENAO 2004/04/16 APPR: TSASAO 2004/04/21				SD-53780-004		PSD	001	C			
		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		53780		SEE TABLE		GENERAL MARKET		1 OF 3	

molex

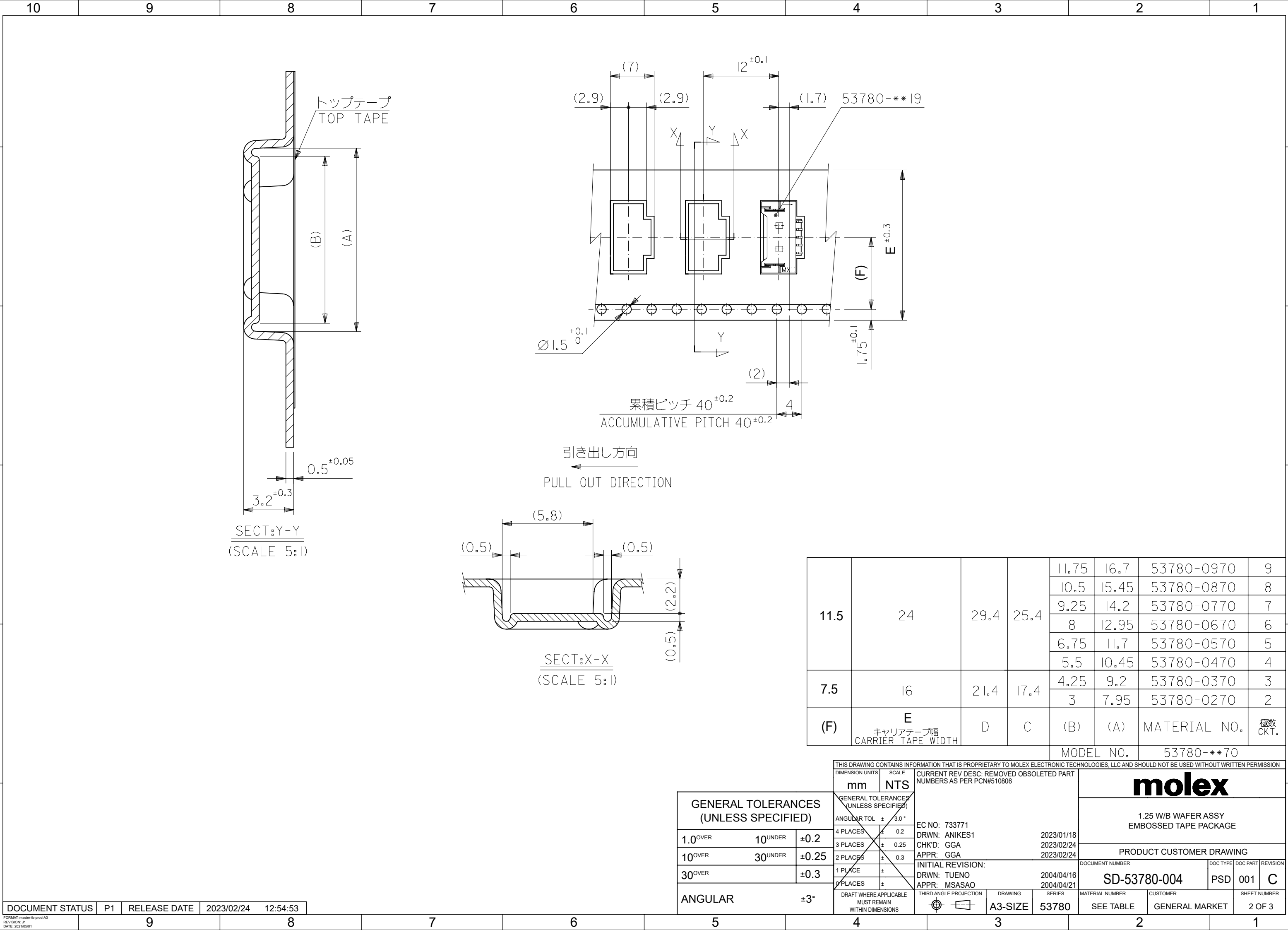
1.25 W/B WAFER ASSY
EMBOSSSED TAPE PACKAGE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER SD-53780-004
DOC TYPE PSD
DOC PART 001
REVISION C

DOCUMENT STATUS P1 RELEASE DATE 2023/02/24 12:54:53

FORMAT: master-B-prod-A3
REVISION: J1
DATE: 2021/05/01



GENERAL TOLERANCES (UNLESS SPECIFIED)		
1.0 ^{OVER}	10 ^{UNDER}	±0.2
10 ^{OVER}	30 ^{UNDER}	±0.25
30 ^{OVER}		±0.3
ANGULAR		±3°

DIMENSION UNITS		SCALE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
mm		NTS		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#510806			
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL		EC NO: 733771 DRWN: ANIKES1 CHK'D: GGA APPR: GGA INITIAL REVISION: DRWN: TUENO APPR: MSASAO			
4 PLACES		± 0.2		2023/01/18			
3 PLACES		± 0.25		2023/02/24			
2 PLACES		± 0.3		2023/02/24			
1 PLACE		±					
0 PLACES		±					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION					
		DRAWING					
		SERIES					
		MATERIAL NUMBER					
		CUSTOMER					
		SHEET NUMBER					

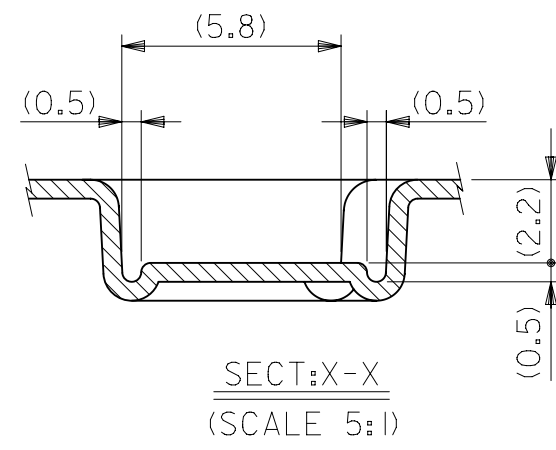
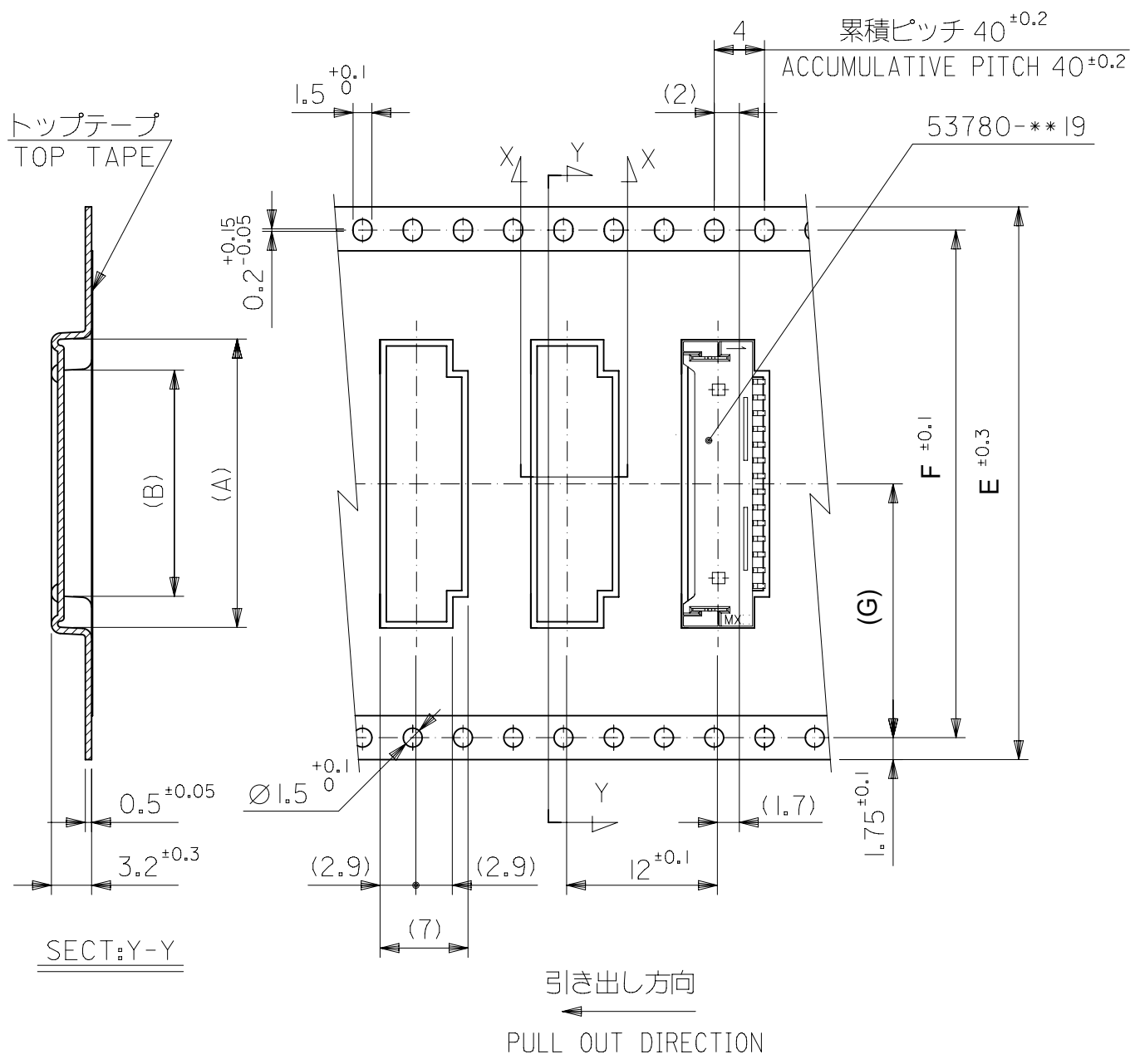
molex

1.25 W/B WAFER ASSY
EMBOSSED TAPE PACKAGE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-53780-004	PSD	001	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 3



20.2	40.4	44	49.4	45.4	25.5	30.45	53780-2070	20
					19.25	24.2	53780-1570	15
					18	22.95	53780-1470	14
(G)	F	E キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CKT.
					MODEL NO.		53780-***70	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

1.0 ^{OVER}	10 ^{UNDER}	±0.2
10 ^{OVER}	30 ^{UNDER}	±0.25
30 ^{OVER}		±0.3

ANGULAR ±3°

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 3.0°
4 PLACES	± 0.2
3 PLACES	± 0.25
2 PLACES	± 0.3
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETE PART
NUMBERS AS PER PCN#510806

EC NO: 733771
DRWN: ANIKES1
CHK'D: GGA
APPR: GGA
INITIAL REVISION:
DRWN: TUENO
APPR: MSASAO

2023/01/18
2023/02/24
2023/02/24
2004/04/16
2004/04/21

THIRD ANGLE PROJECTION

DRAWING
A3-SIZE

SERIES
53780

DOCUMENT NUMBER
SD-53780-004

MATERIAL NUMBER
SEE TABLE

CUSTOMER
GENERAL MARKET

SHEET NUMBER
3 OF 3

molex

1.25 W/B WAFER ASSY
EMBOSSD TAPE PACKAGE

PRODUCT CUSTOMER DRAWING

DOC TYPE	DOC PART	REVISION
PSD	001	C