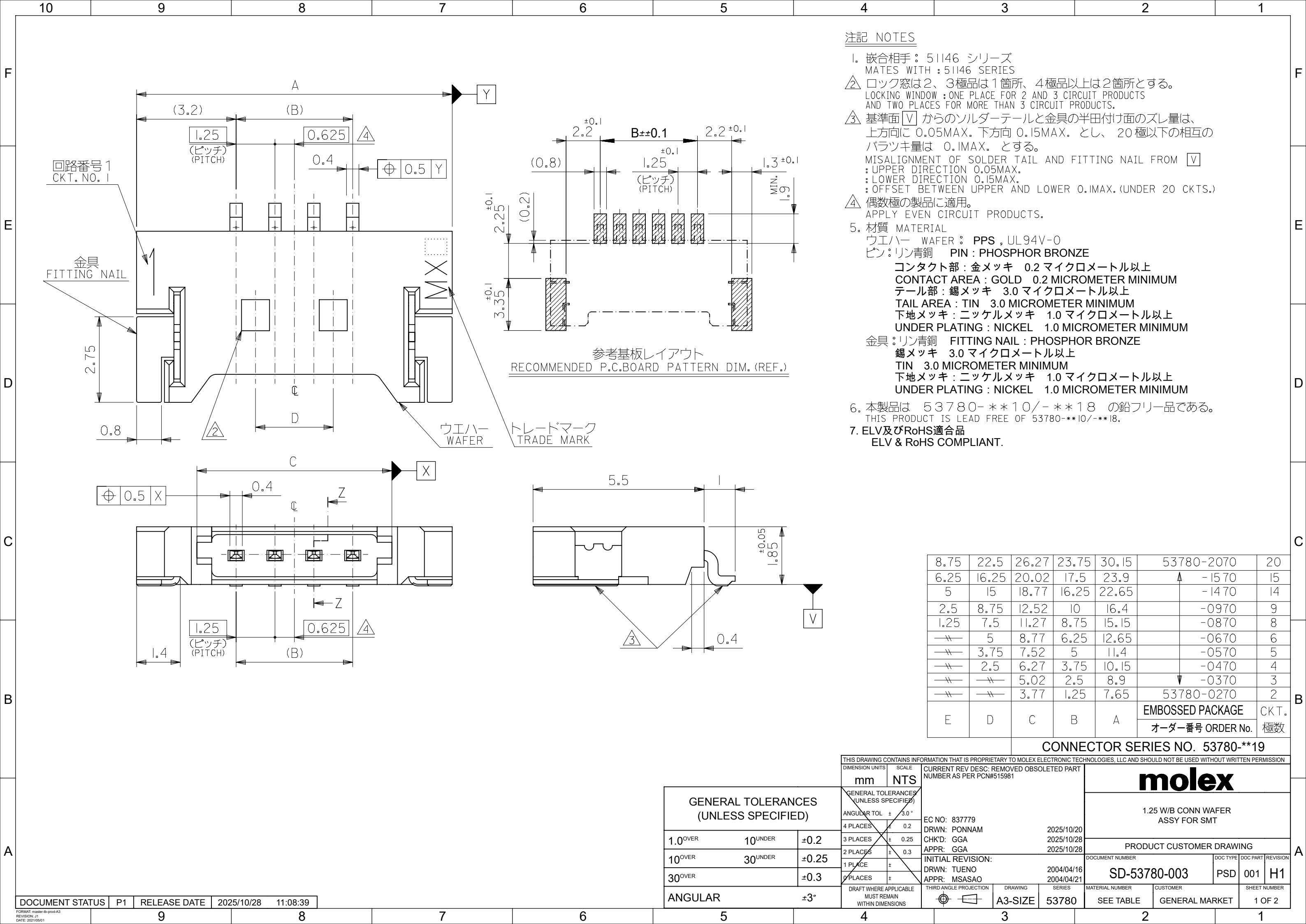


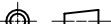


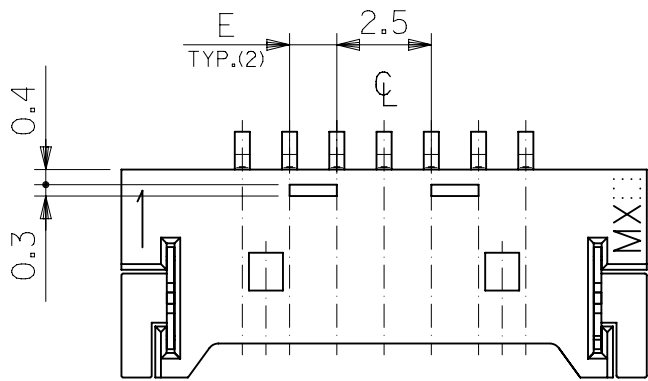
注記 NOTES

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 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: 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.

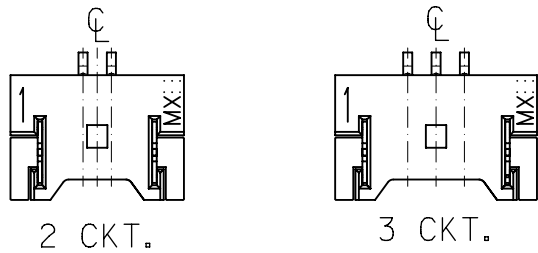
8.75	22.5	26.27	23.75	30.15	53780-2070	20
6.25	16.25	20.02	17.5	23.9	↑ -1570	15
5	15	18.77	16.25	22.65	↑ -1470	14
2.5	8.75	12.52	10	16.4	↑ -0970	9
1.25	7.5	11.27	8.75	15.15	↑ -0870	8
—	5	8.77	6.25	12.65	↑ -0670	6
—	3.75	7.52	5	11.4	↑ -0570	5
—	2.5	6.27	3.75	10.15	↑ -0470	4
—	—	5.02	2.5	8.9	↑ -0370	3
—	—	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

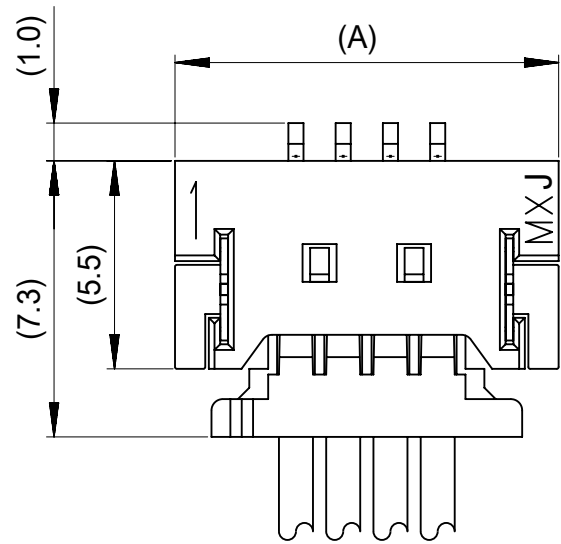
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#515981				molex 1.25 W/B CONN WAFER ASSY FOR SMT	
mm		NTS		EC NO: 837779 DRWN: PONNAM2025/10/20 CHK'D: GGA2025/10/28 APPR: GGA2025/10/28 INITIAL REVISION: DRWN: TUENO2004/04/16 APPR: MSASAO2004/04/21					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 3.0°								PRODUCT CUSTOMER DRAWING	
4 PLACES ± 0.2								DOCUMENT NUMBER	
3 PLACES ± 0.25								SD-53780-003	
2 PLACES ± 0.3								DOC TYPE	
1 PLACE ±								PSD	
0 PLACES ±								DOC PART	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 53780		REVISION	
								H1	
								SHEET NUMBER	
				MATERIAL NUMBER		CUSTOMER		1 OF 2	
						SEE TABLE		GENERAL MARKET	



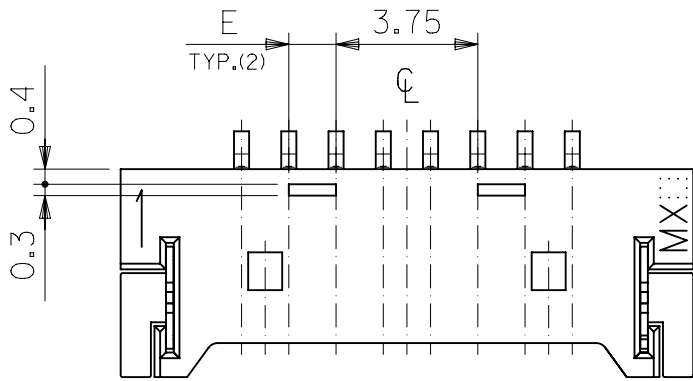
7～19 極の奇数極に適用
APPLY FOR ODD CIRCUITS OF 7～19



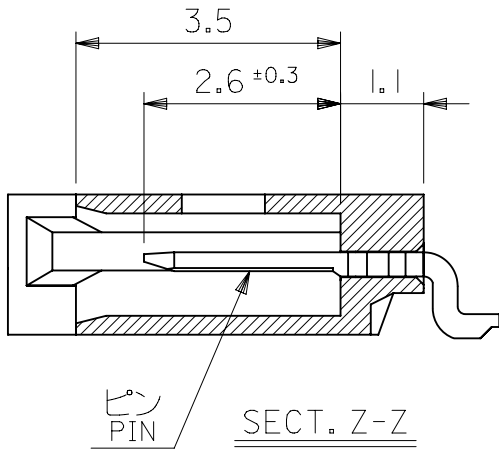
ロック形状図
LOCK CONFIGURATION



嵌合図 (SCALE 5:1)
MATED CONNECTORS (SCALE 5:1)



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



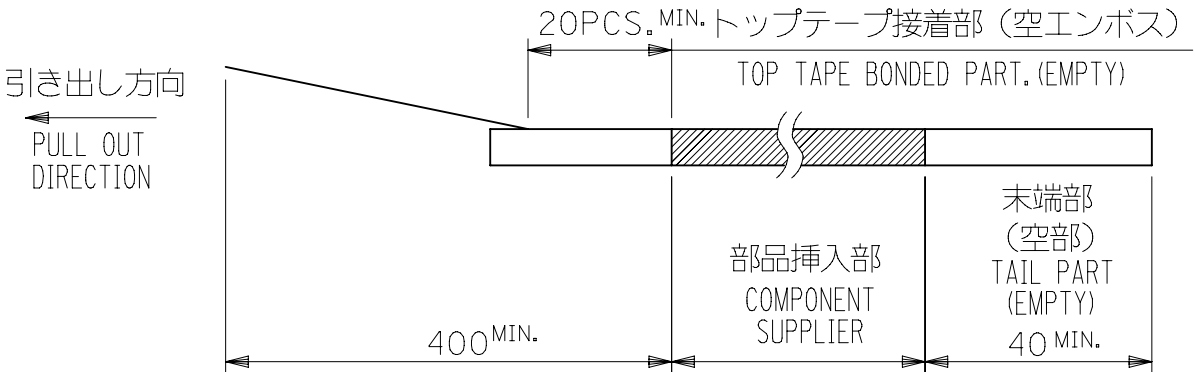
GENERAL TOLERANCES (UNLESS SPECIFIED)		
1.0 ^{OVER}	10 ^{UNDER}	±0.2
10 ^{OVER}	30 ^{UNDER}	±0.25
30 ^{OVER}		±0.3
ANGULAR		±3°

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#515981		CONNECTOR SERIES NO. 53780-**19	
DIMENSION UNITS		SCALE		molex	
mm		NTS		1.25 W/B CONN WAFER ASSY FOR SMT	
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL		PRODUCT CUSTOMER DRAWING	
4 PLACES		± 0.2		DOCUMENT NUMBER	
3 PLACES		± 0.25		SD-53780-003	
2 PLACES		± 0.3		DOC TYPE	
1 PLACE		±		PSD	
0 PLACES		±		DOC PART	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		REVISION	
		A3-SIZE		H1	
		SERIES		SHEET NUMBER	
		53780		2 OF 2	
		MATERIAL NUMBER			
		SEE TABLE			
		CUSTOMER			
		GENERAL MARKET			

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/28	11:08:39
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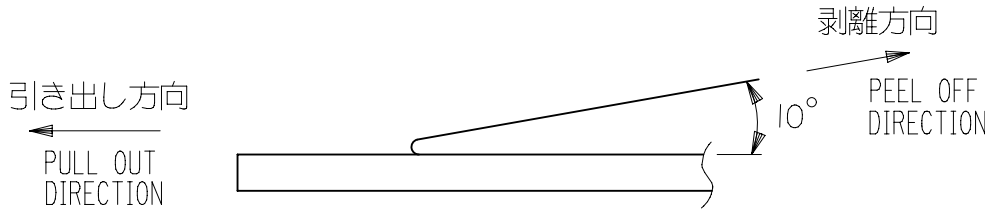
NOTES

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)

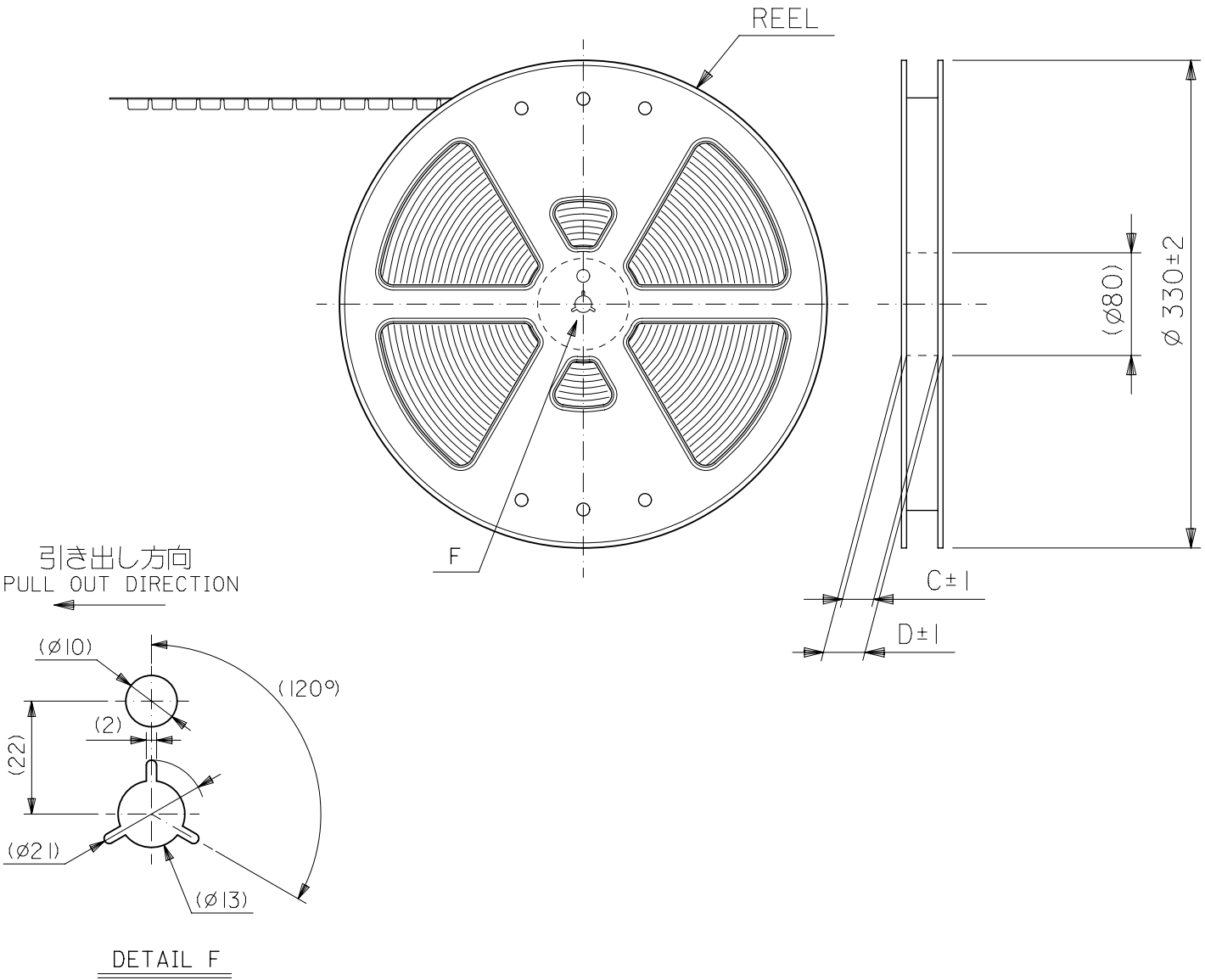
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE：0.1N ～ 1.3N(10gf ～ 130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTATION.



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>

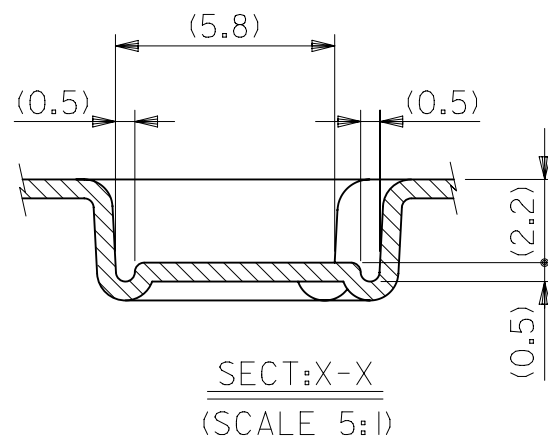
5. 本製品は 53780- **90/- **80 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53780- **90/- **80.

6. ELV及びRoHS適合品
ELV & RoHS COMPLIANT



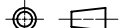
MODEL NO. 53780- **70

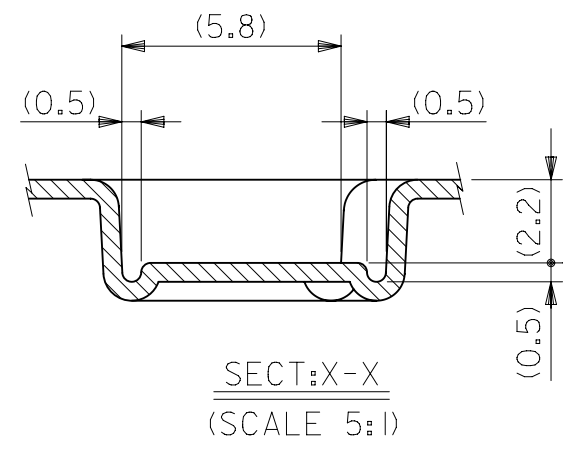
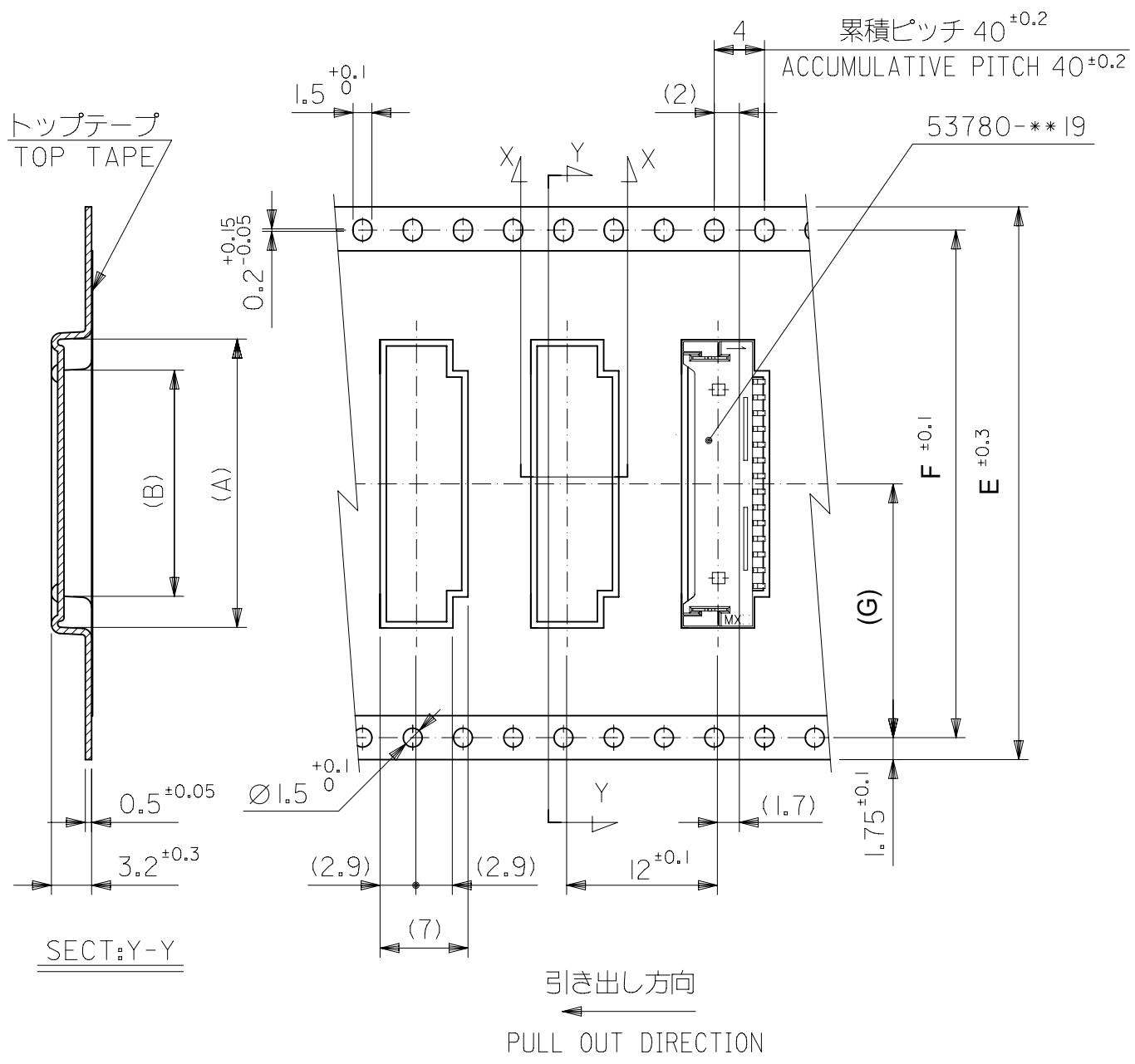
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
				DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#510806					
				mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 3.0 °		EC NO: 733771 DRWN: ANIKES1 CHK'D: GGA APPR: GGA INITIAL REVISION: DRWN: TUENO APPR: MSASAO					
GENERAL TOLERANCES (UNLESS SPECIFIED)				ANGULAR TOL ± 3.0 °									
10 ^{UNDER}		±0.2		4 PLACES ± 0.2				2023/01/18					
10 ^{OVER}		30 ^{UNDER}		±0.25		3 PLACES ± 0.25		2023/02/24					
30 ^{OVER}		±0.3		2 PLACES ± 0.3		2 PLACES ± 0.3		2023/02/24					
				1 PLACE ±		1 PLACE ±		2004/04/16					
				0 PLACES ±		0 PLACES ±		2004/04/21					
ANGULAR				±3°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES	
										A3-SIZE		53780	
										MATERIAL NUMBER		CUSTOMER	
										SEE TABLE		GENERAL MARKET	
												SHEET NUMBER	
												1 OF 3	



11.5	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
7.5	16	21.4	17.4	4.25	9.2	53780-0370	3
				3	7.95	53780-0270	2
(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		

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#S PER PCN#510806				molex					
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				1.25 W/B WAFER ASSY EMBOSSD TAPE PACKAGE									
				ANGULAR TOL ± 3.0°		EC NO: 733771 DRWN: ANIKES1 2023/01/18 CHK'D: GGA 2023/02/24 APPR: GGA 2023/02/24							
				4 PLACES ± 0.2									
				3 PLACES ± 0.25									
2 PLACES ± 0.3		PRODUCT CUSTOMER DRAWING											
1 PLACE ±													
0 PLACES ±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DOCUMENT NUMBER SD-53780-004		DOC TYPE PSD		DOC PART 001		REVISION C			
THIRD ANGLE PROJECTION 				DRAWING A3-SIZE		SERIES 53780		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 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	

MODEL NO. 53780-***70

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
mm	NTS
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

molex

1.25 W/B WAFER ASSY
EMBOSSD 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		3 OF 3

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

A3-SIZE

53780