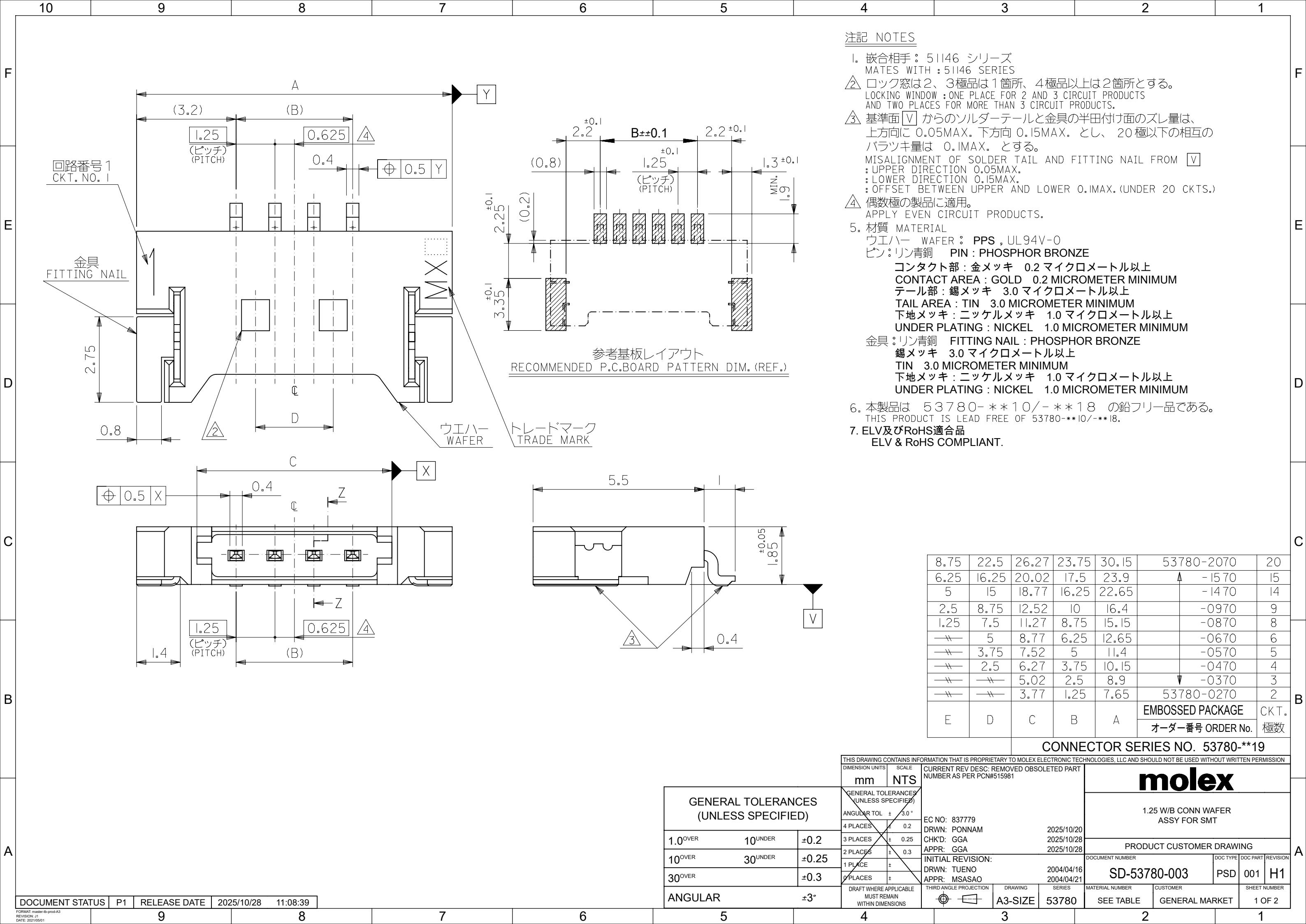




注記 NOTES

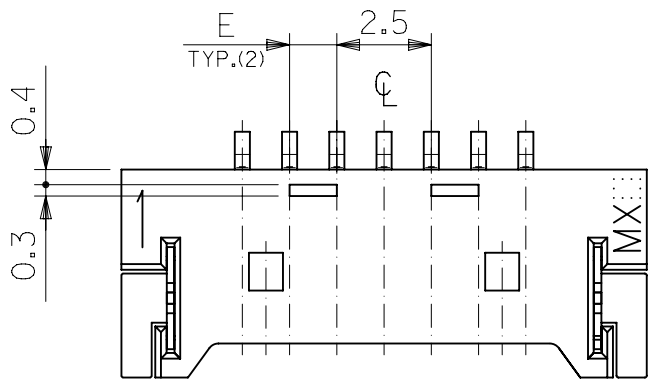
1. 嵌合相手 : 51146 シリーズ
MATES WITH : 51146 SERIES
2. ロック窓は2、3極品は1箇所、4極品以上は2箇所とする。
LOCKING WINDOW : ONE PLACE FOR 2 AND 3 CIRCUIT PRODUCTS
AND TWO PLACES FOR MORE THAN 3 CIRCUIT PRODUCTS.
3. 基準面 ∇ からのソルダーテールと金具の半田付け面のズレ量は、
上方向に 0.05MAX. 下方向 0.15MAX. とし、20 極以下の相互の
バラツキ量は 0.1MAX. とする。
MISALIGNMENT OF SOLDER 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	

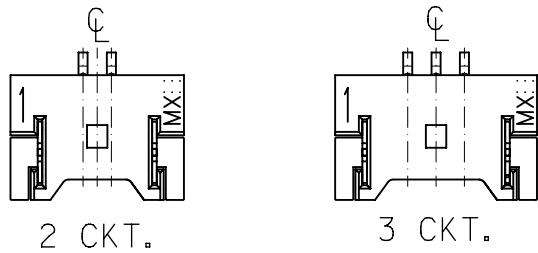
CONNECTOR SERIES NO. 53780-**-19

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

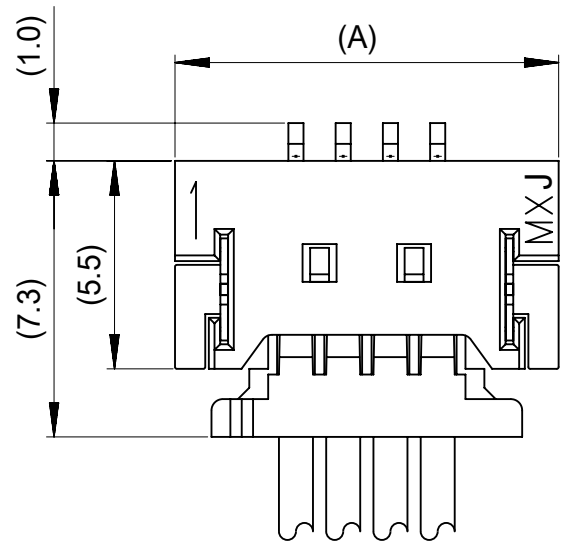
DOCUMENT STATUS	P1	RELEASE DATE	2025/10/28	11:08:39
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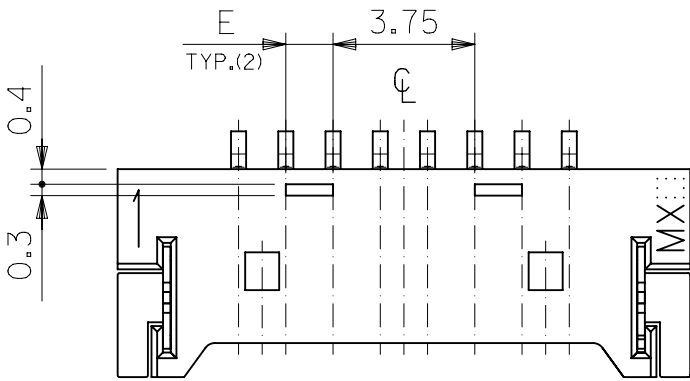
7～19 極の奇数極に適用
APPLY FOR ODD CIRCUITS OF 7～19



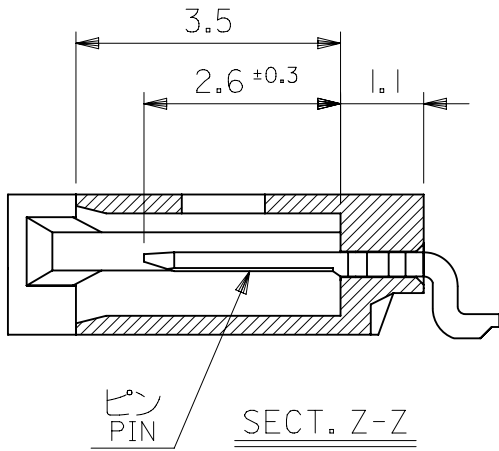
ロック形状図
LOCK CONFIGURATION



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



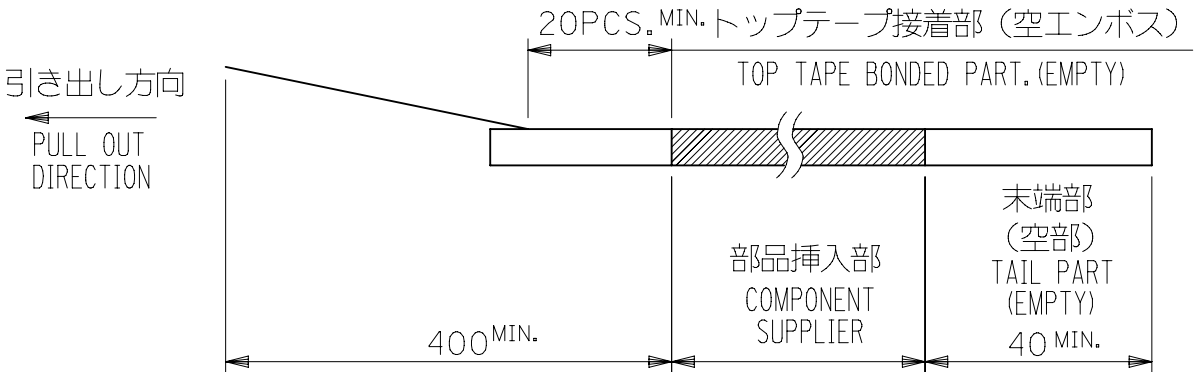
GENERAL TOLERANCES (UNLESS SPECIFIED)		
1.0 ^{OVER}	10 ^{UNDER}	±0.2
10 ^{OVER}	30 ^{UNDER}	±0.25
30 ^{OVER}		±0.3
ANGULAR		±3°

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
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													
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				EC NO: 837779		PRODUCT CUSTOMER DRAWING									
				DRWN: PONNAM 2025/10/20											
				CHK'D: GGA 2025/10/28											
				APPR: GGA 2025/10/28		DOCUMENT NUMBER SD-53780-003				DOC TYPE PSD		DOC PART 001		REVISION H1	
				INITIAL REVISION: DRWN: TUENO 2004/04/16 APPR: MSASAO 2004/04/21											
THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 53780		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 2					

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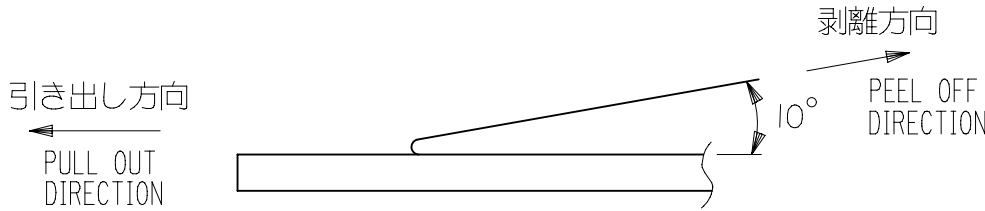
NOTES

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)

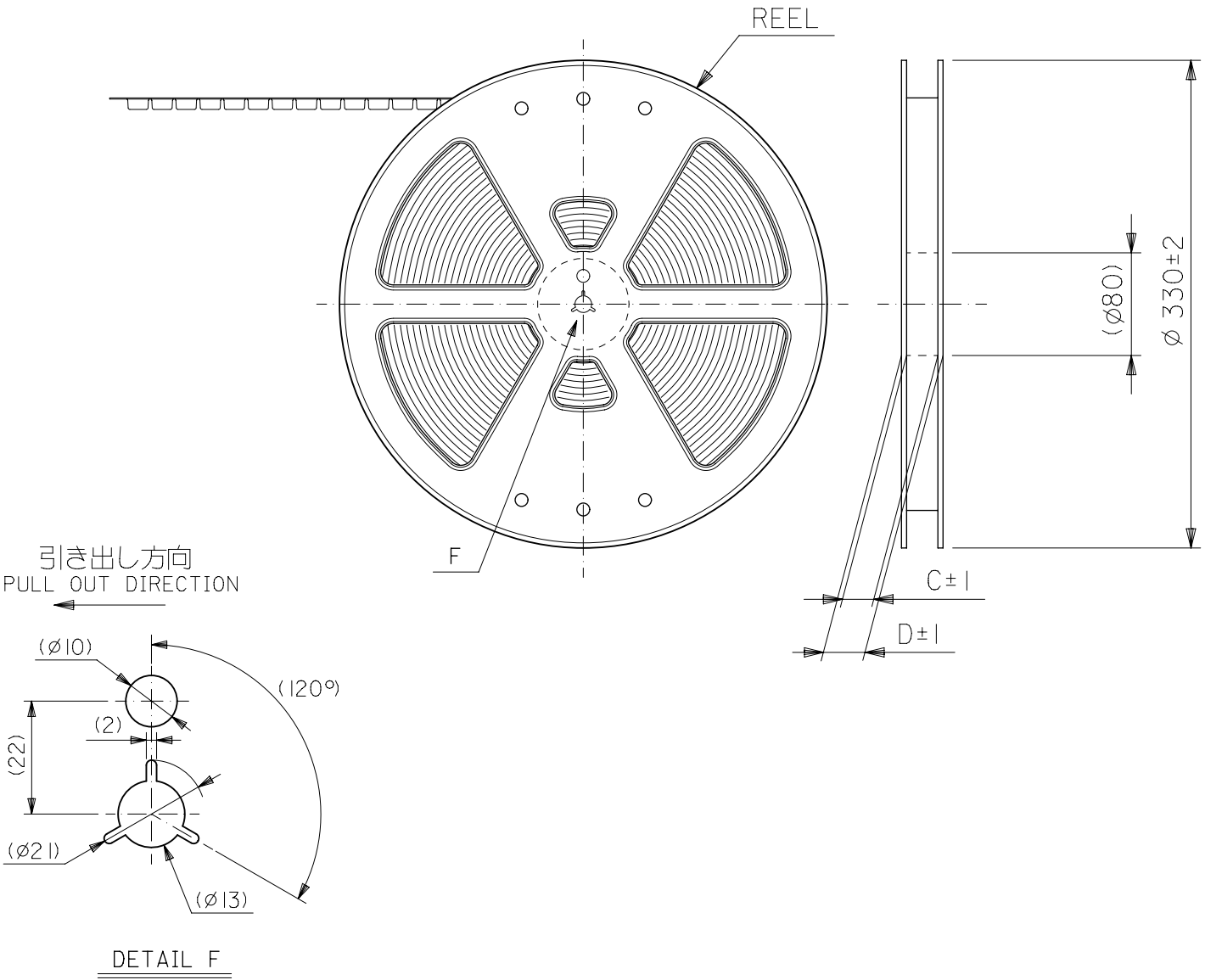
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE：0.1N ～ 1.3N(10gf ～ 130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTATION.



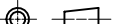
4. 材料(MATERIAL)
キャリアテープ(CARRIER TAPE)：ポリプロピレン(POLYPROPYLENE)
トップテープ(TOPTAPE)：PET , PE , PEF
リール(REEL)：ポリスチレン (PS) <リサイクル材を含む>
POLYSTYRENE(PS) <RECYCLE MATERIAL CONTAINED>

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		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

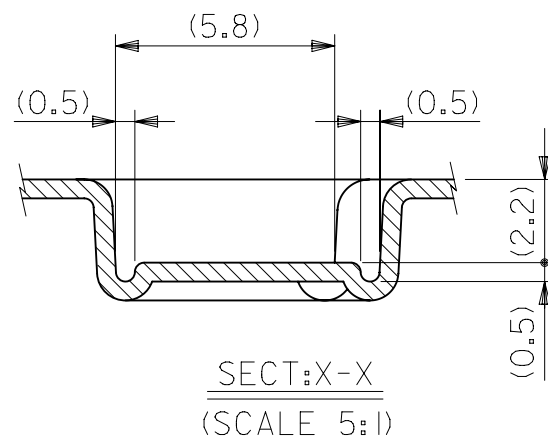
1.25 W/B WAFER ASSY
EMBOSSSED TAPE PACKAGE

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

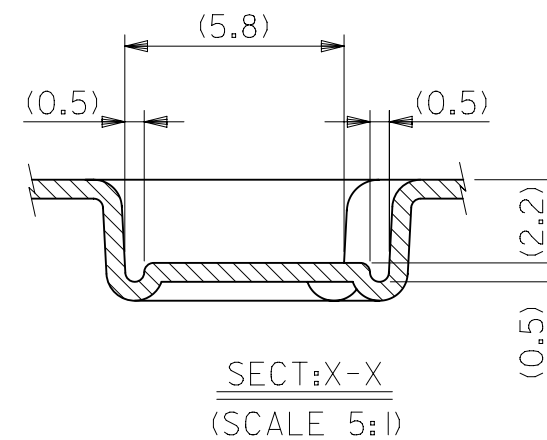
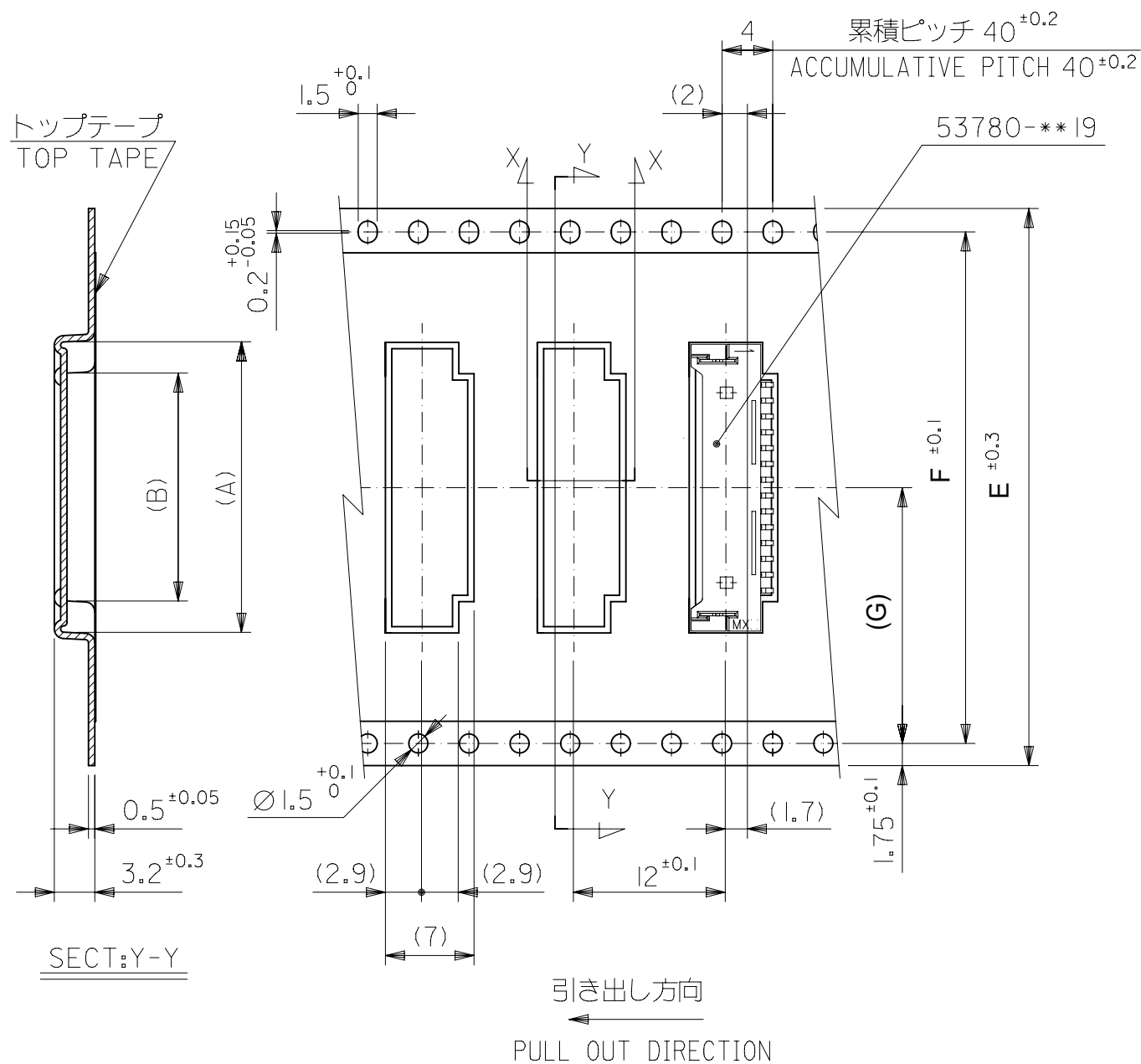
FORMAT: master-B-prod-A3
REVISION: J1
DATE: 2021/05/01



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 NUMBERS AS PER PCN#510806				molex					
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)								1.25 W/B WAFER ASSY EMBOSSD TAPE PACKAGE					
ANGULAR TOL ± 3.0 °													
4 PLACES		± 0.2		EC NO: 733771				PRODUCT CUSTOMER DRAWING					
3 PLACES		± 0.25		DRWN: ANIKES1 2023/01/18									
2 PLACES		± 0.3		CHK'D: GGA 2023/02/24									
1 PLACE		±		APPR: GGA 2023/02/24				DOCUMENT NUMBER SD-53780-004					
0 PLACES		±		INITIAL REVISION:								DOC TYPE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 53780		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 3	
				2004/04/16		2004/04/21		PSD		001		C	
				APPR: MSASAO									



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	

GENERAL TOLERANCES (UNLESS SPECIFIED)			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 NUMBERS AS PER PCN#510806	
1.0 ^{OVER} 10 ^{UNDER} ±0.2			EC NO: 733771	
10 ^{OVER} 30 ^{UNDER} ±0.25			DRWN: ANIKES12023/01/18	
30 ^{OVER} ±0.3			CHK'D: GGA2023/02/24	
ANGULAR±3°			APPR: GGA2023/02/24	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			INITIAL REVISION:	
			DRWN: TUENO2004/04/16	
			APPR: MSASAO2004/04/21	
			THIRD ANGLE PROJECTION	
			DRAWING	
			SERIES	
			A3-SIZE	
			53780	
			MATERIAL NUMBER	
			SEE TABLE	
			CUSTOMER	
			GENERAL MARKET	
			SHEET NUMBER	
			3 OF 3	