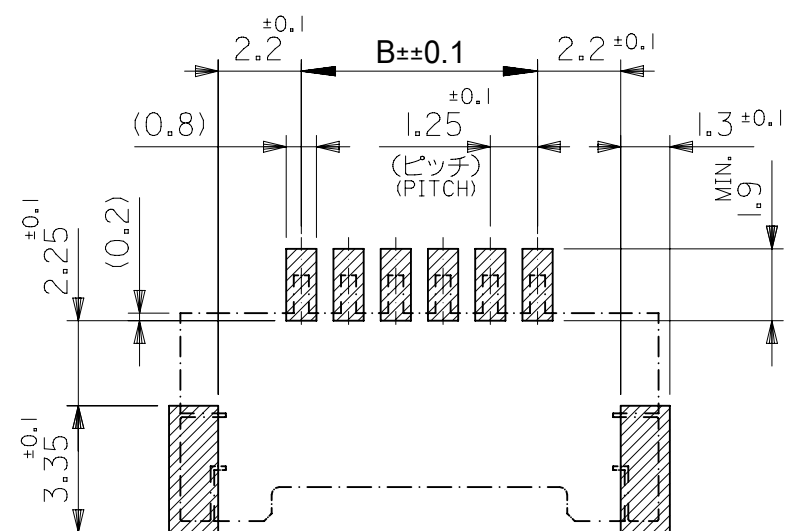
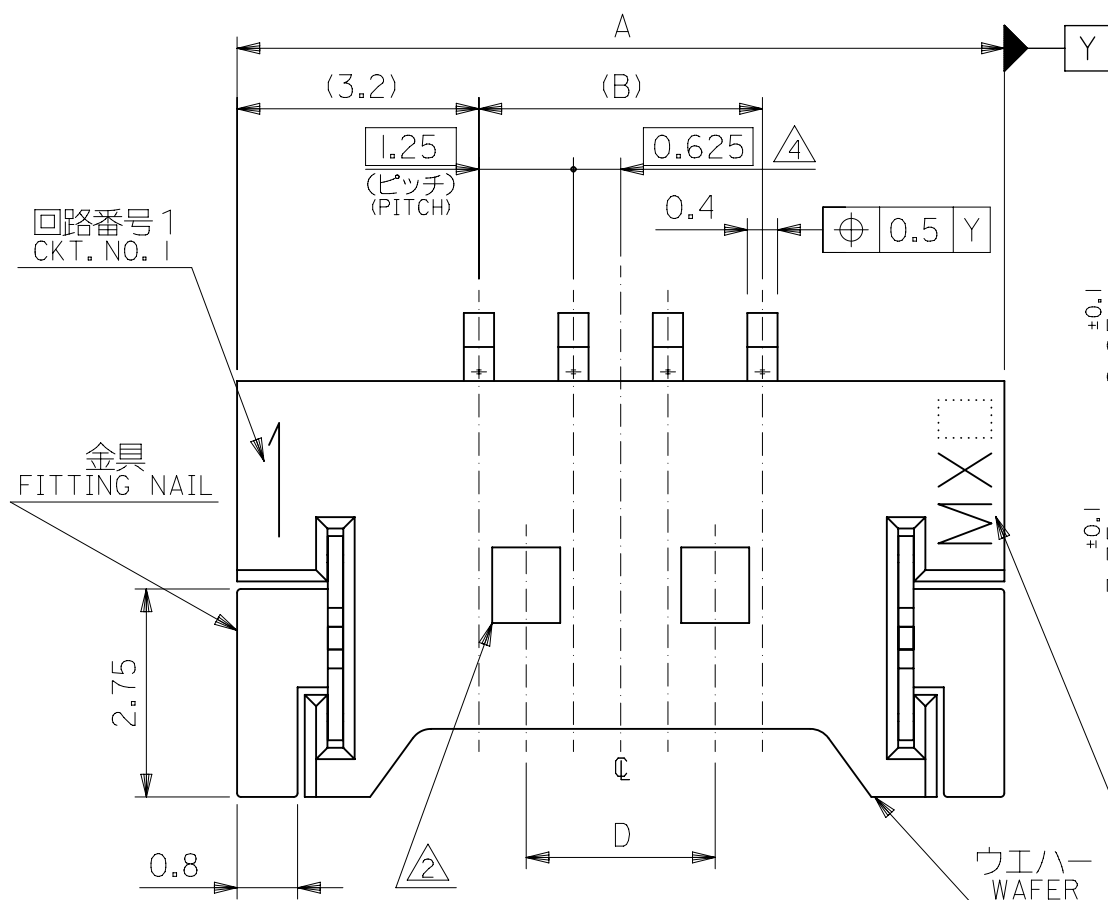
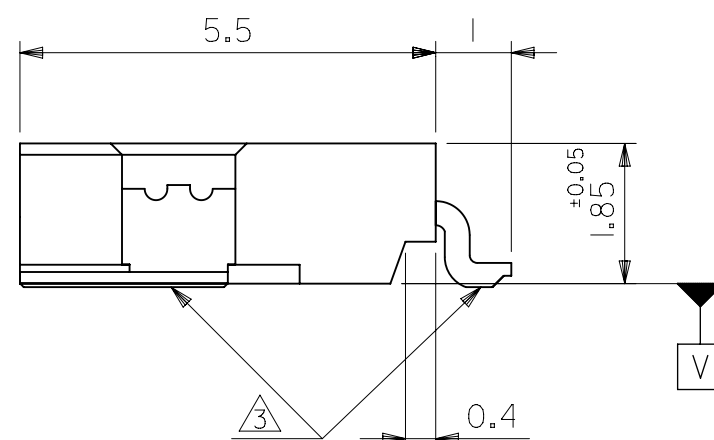
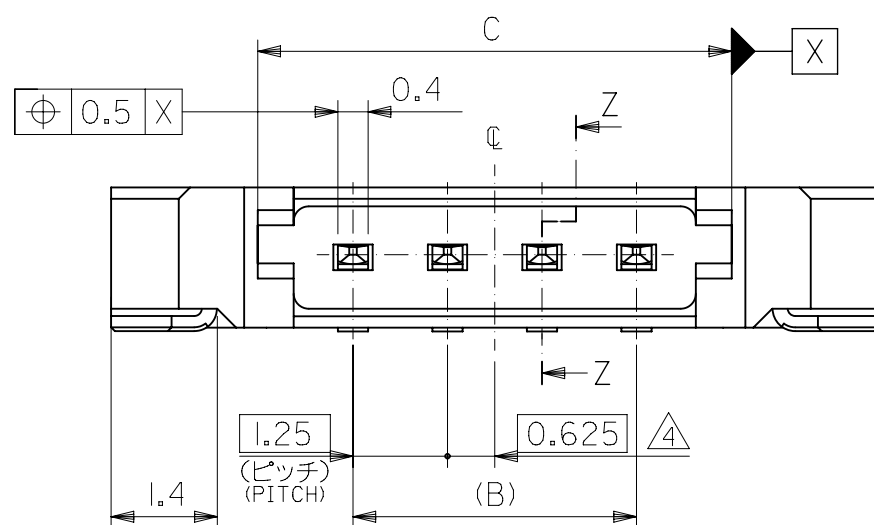




参考基板レイアウト
RECOMMENDED P.C.BOARD PATTERN DIM.(REF.)

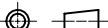


注記 NOTES

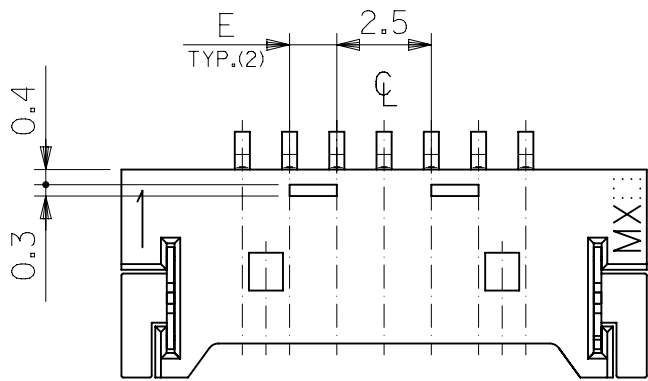
1. 嵌合相手：51146 シリーズ
MATES WITH : 51146 SERIES
- ② ロック窓は2、3極品は1箇所、4極品以上は2箇所とする。
LOCKING WINDOW : ONE PLACE FOR 2 AND 3 CIRCUIT PRODUCTS
AND TWO PLACES FOR MORE THAN 3 CIRCUIT PRODUCTS.
- ③ 基準面 V からのソルダータールと金具の半田付け面のズレ量は、
上方向に 0.05MAX. 下方向 0.15MAX. とし、20 極以下の相互の
バラツキ量は 0.1MAX. とする。
MISALIGNMENT OF SOLDER 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	10	13.77	11.25	17.65		-1070	10
2.5	8.75	12.52	10	16.4		-0970	9
1.25	7.5	11.27	8.75	15.15		-0870	8
1.25	6.25	10.02	7.5	13.9		-0770	7
—//—	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	EMBOSSD PACKAGE		CKT.
					オーダー番号 ORDER No.		極数

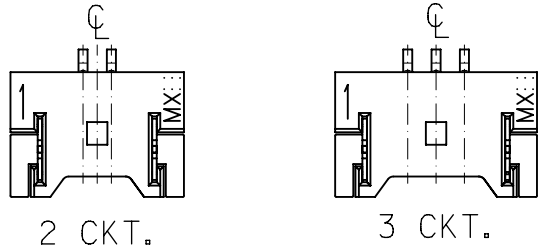
CONNECTOR SERIES NO. 53780-**19

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: OBSOLETE PART NUMBERS AS PER PCN#510806		molex									
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 3.0 °		EC NO: 733771		1.25 W/B CONN WAFER ASSY FOR SMT									
		4 PLACES ± 0.2		DRWN: ANIKES1 2023/01/18											
		3 PLACES ± 0.25		CHK'D: GGA 2023/02/24											
		2 PLACES ± 0.3		APPR: GGA 2023/02/24		PRODUCT CUSTOMER DRAWING									
		1 PLACE ±		INITIAL REVISION:											
0 PLACES ±		DRWN: TUENO 2004/04/16		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 53780		SD-53780-003		PSD		001		H	
								MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						SEE TABLE		GENERAL MARKET		1 OF 2					

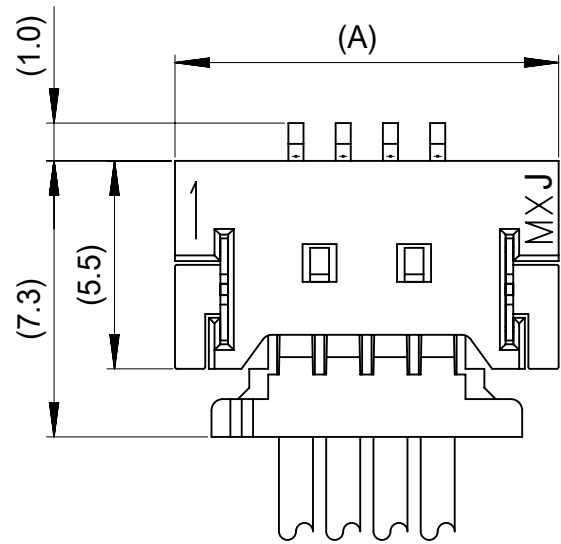
GENERAL TOLERANCES (UNLESS SPECIFIED)		
1.0 ^{OVER}	10 ^{UNDER}	±0.2
10 ^{OVER}	30 ^{UNDER}	±0.25
30 ^{OVER}		±0.3
ANGULAR		±3°



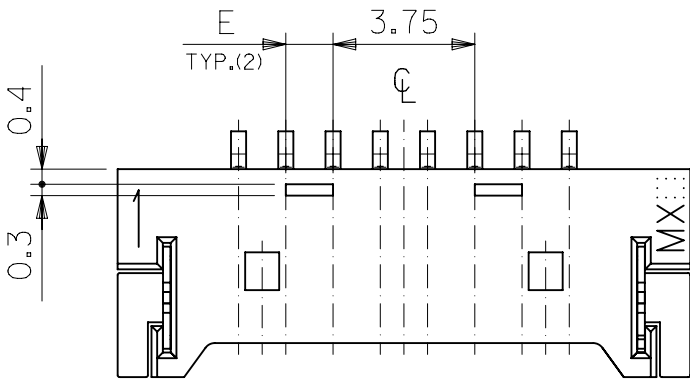
7～19 極の奇数極に適用
APPLY FOR ODD CIRCUITS OF 7～19



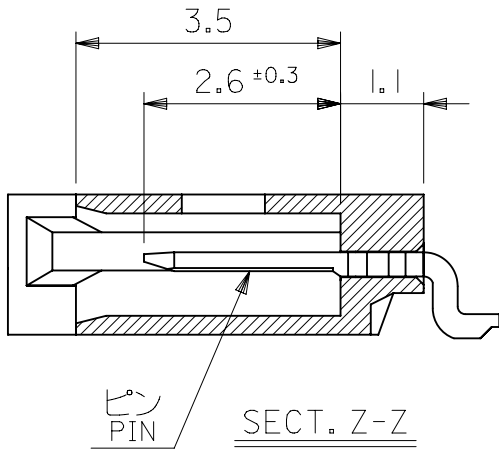
ロック形状図
LOCK CONFIGURATION



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

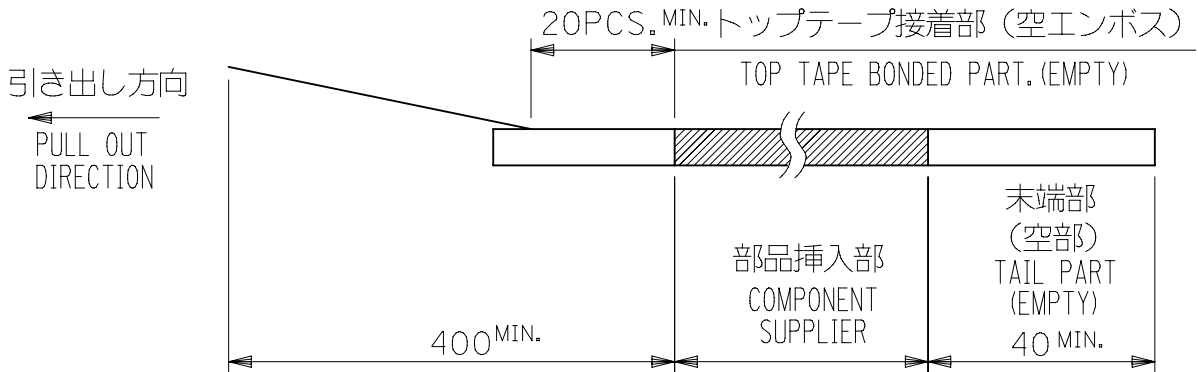


GENERAL TOLERANCES (UNLESS SPECIFIED)		
1.0 ^{OVER}	10 ^{UNDER}	±0.2
10 ^{OVER}	30 ^{UNDER}	±0.25
30 ^{OVER}		±0.3
ANGULAR		±3°

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CONNECTOR SERIES NO. 53780-**19	
DIMENSION UNITS mm	SCALE NTS	CURRENT REV DESC: OBSOLETE PART NUMBERS AS PER PCN#510806	
GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0° 4 PLACES ± 0.2 3 PLACES ± 0.25 2 PLACES ± 0.3 1 PLACE ± 0 PLACES ±		molex	
		1.25 W/B CONN WAFER ASSY FOR SMT	
		PRODUCT CUSTOMER DRAWING	
		DOCUMENT NUMBER SD-53780-003	DOC TYPE PSD
		SHEET NUMBER 2 OF 2	REVISION H
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION A3-SIZE	SERIES 53780
		MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL MARKET

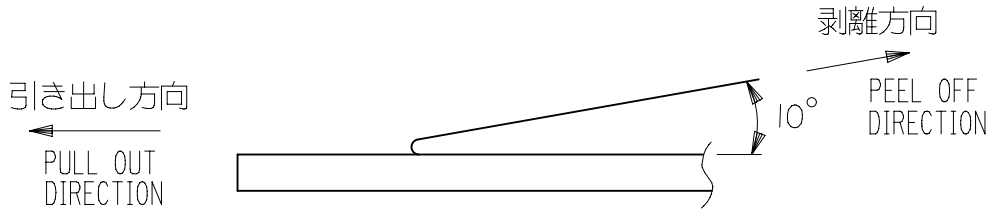
NOTES

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)

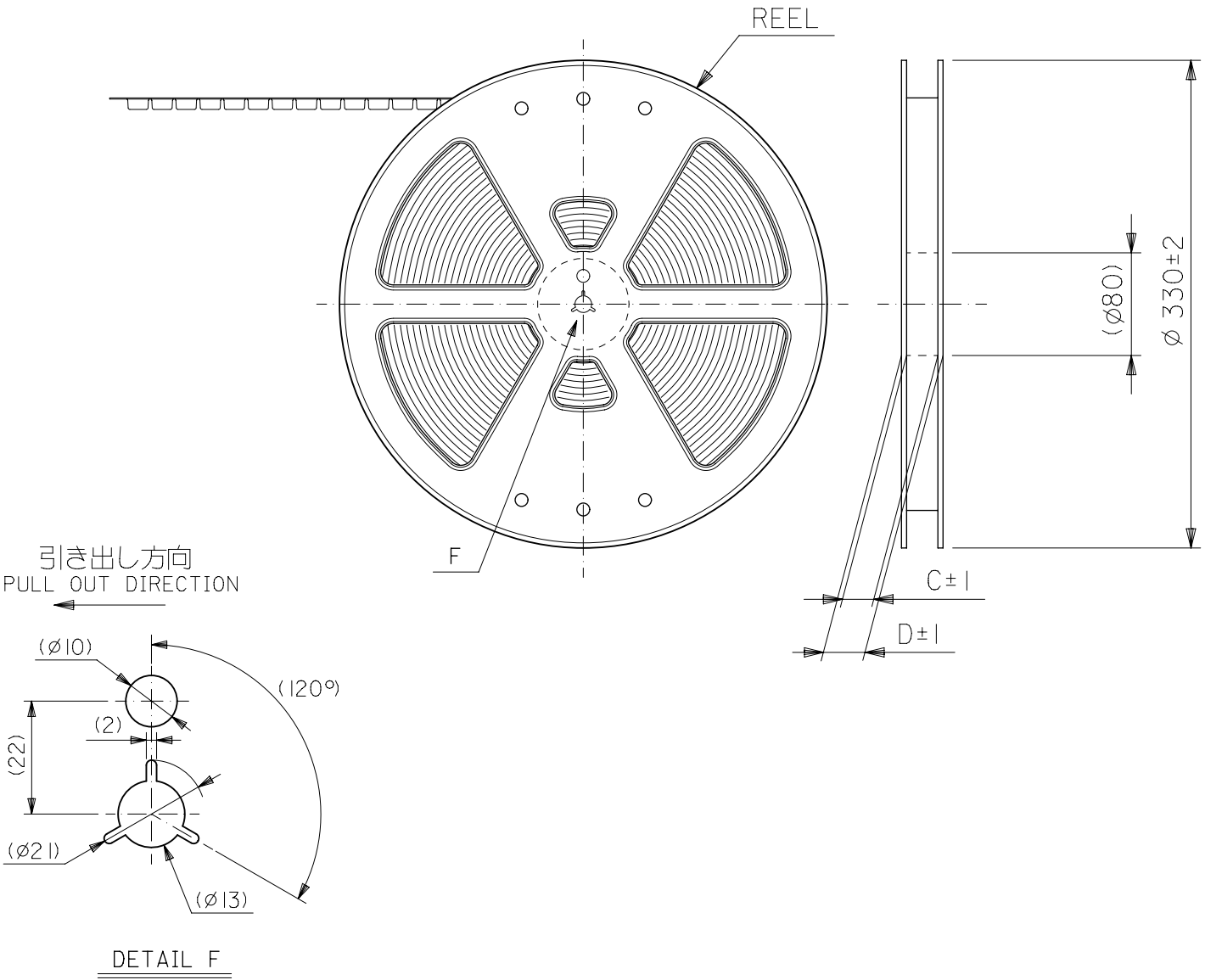
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE：0.1N ～ 1.3N(10gf ～ 130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTATION.



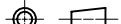
4. 材料(MATERIAL)
キャリアテープ(CARRIER TAPE)：ポリプロピレン(POLYPROPYLENE)
トップテープ(TOPTAPE)：PET , PE , PEF
リール(REEL)：ポリスチレン (PS) <リサイクル材を含む>
POLYSTYRENE(PS) <RECYCLE MATERIAL CONTAINED>

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

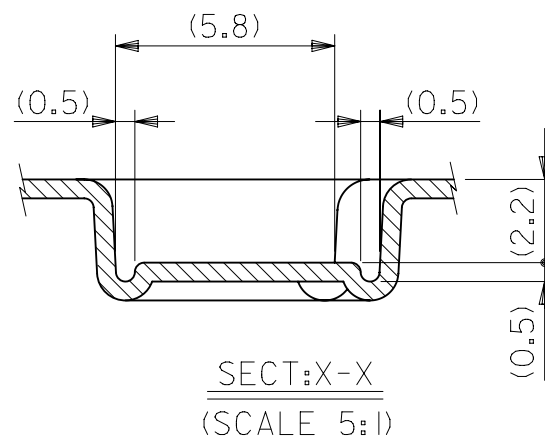


MODEL NO. 53780- **70

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#510806				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							
mm		NTS		EC NO: 733771 DRWN: ANIKES1 CHK'D: GGA APPR: GGA INITIAL REVISION: DRWN: TUENO APPR: MSASAO											
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		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
GENERAL TOLERANCES (UNLESS SPECIFIED)						A3-SIZE		53780		SEE TABLE		GENERAL MARKET		1 OF 3	
10 ^{UNDER}		±0.2													
10 ^{OVER} 30 ^{UNDER}		±0.25													
30 ^{OVER}		±0.3													
ANGULAR		±3°													

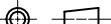
DOCUMENT STATUS P1 RELEASE DATE 2023/02/24 12:54:53

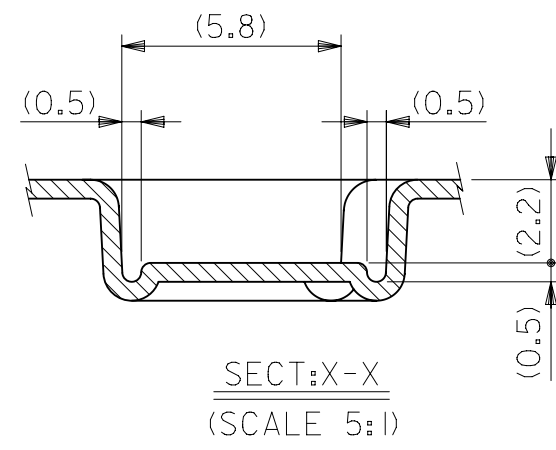
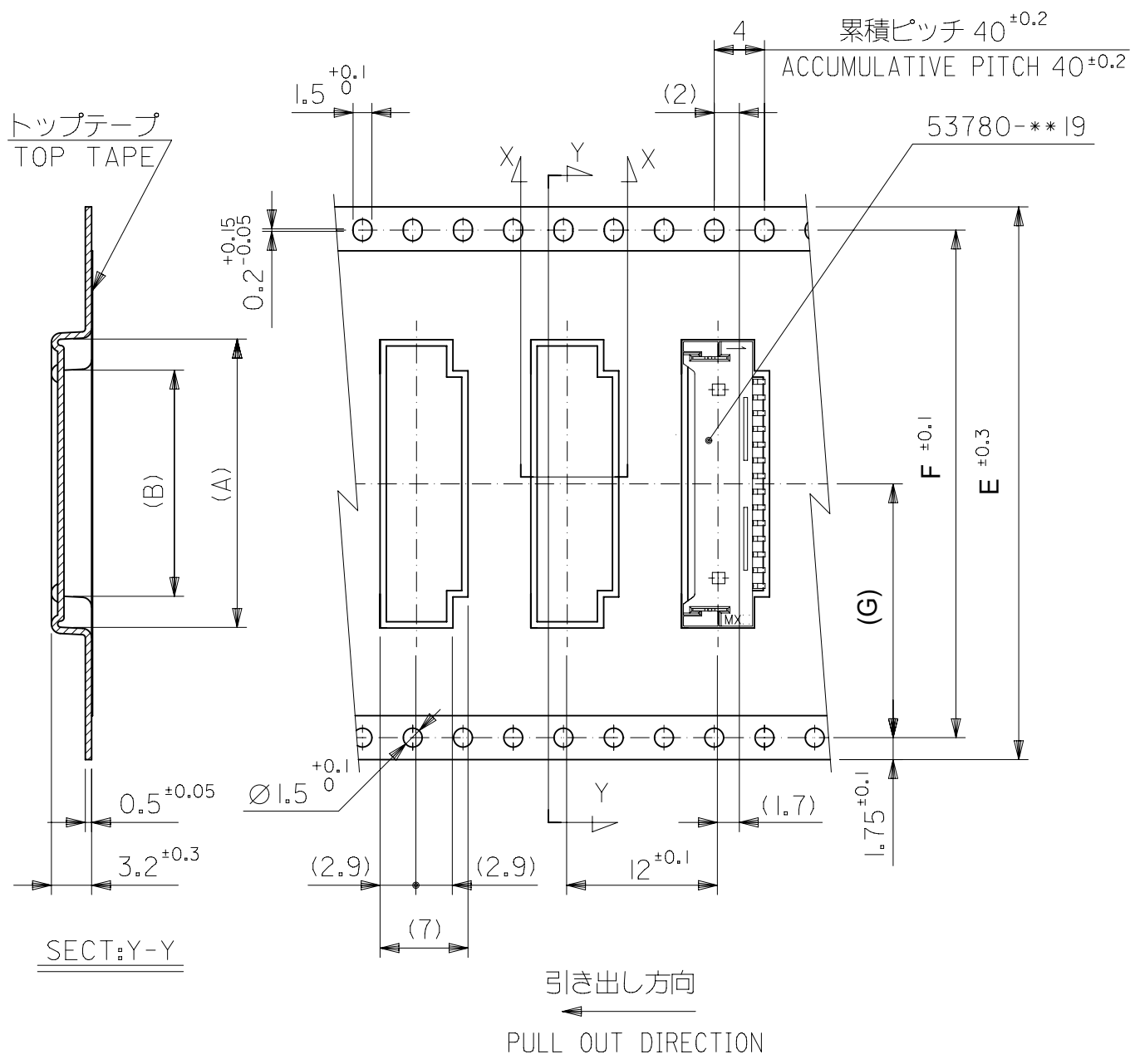
FORMAT: master-B-prod-A3
REVISION: J1
DATE: 2021/05/01



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)		ANGULAR TOL		± 3.0 °		1.25 W/B WAFER ASSY EMBOSSD TAPE PACKAGE						
		4 PLACES		± 0.2								
		3 PLACES		± 0.25		PRODUCT CUSTOMER DRAWING						
		2 PLACES		± 0.3								
		1 PLACE		±								
0 PLACES		±		EC NO: 733771 DRWN: ANIKES1 CHK'D: GGA APPR: GGA		2023/01/18 2023/02/24 2023/02/24		DOCUMENT NUMBER SD-53780-004		DOC TYPE PSD	DOC PART 001	REVISION C
INITIAL REVISION: DRWN: TUENO APPR: MSASAO		2004/04/16 2004/04/21										
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 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	

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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)

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

MATERIAL NUMBER
SEE TABLE

CUSTOMER
GENERAL MARKET

SHEET NUMBER
3 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