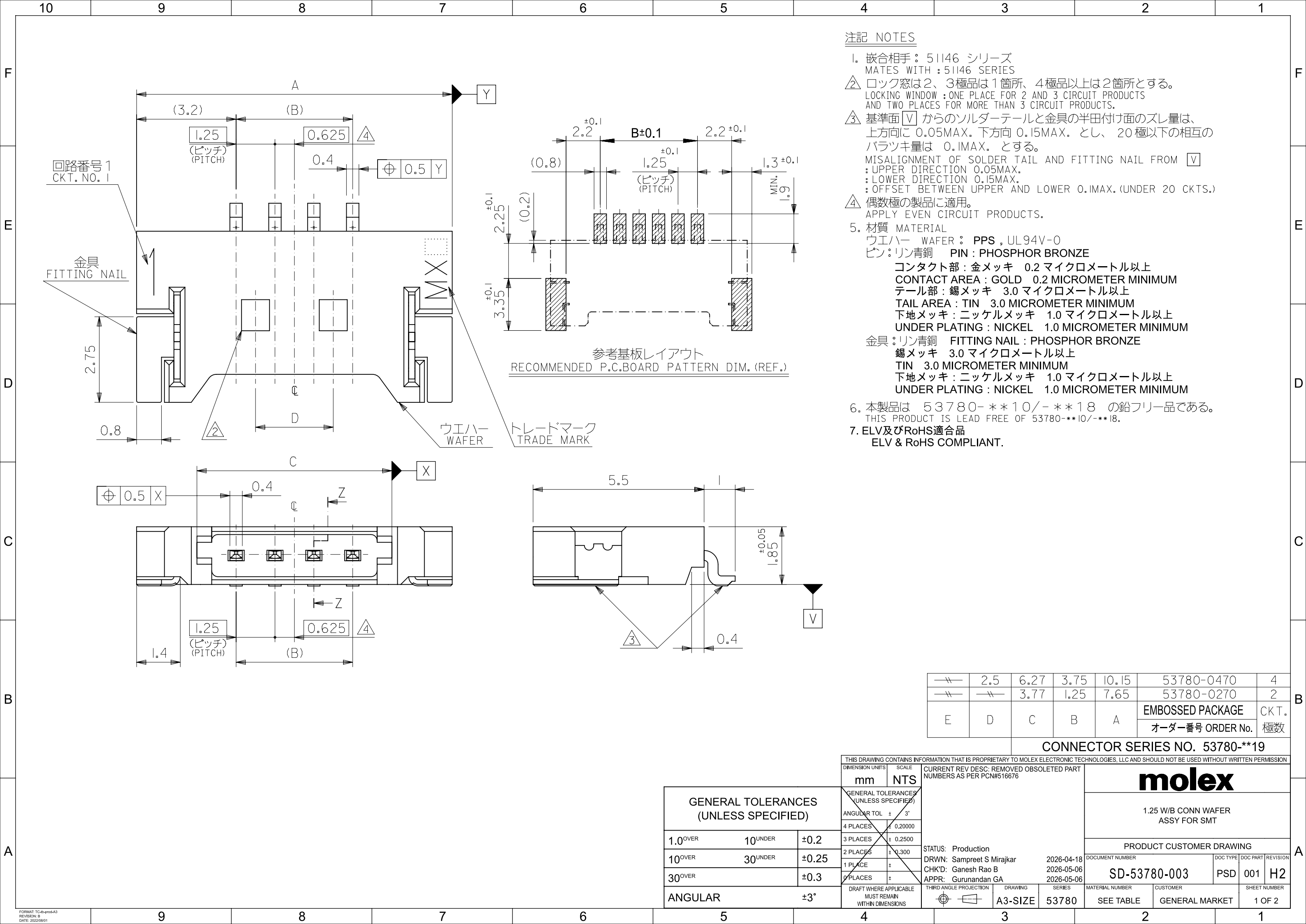




注記 NOTES

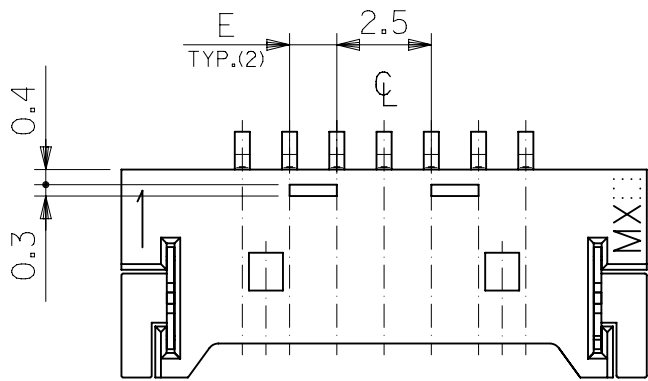
1. 嵌合相手 : 51146 シリーズ
MATES WITH : 51146 SERIES
2. ロック窓は2、3極品は1箇所、4極品以上は2箇所とする。
LOCKING WINDOW : ONE PLACE FOR 2 AND 3 CIRCUIT PRODUCTS
AND TWO PLACES FOR MORE THAN 3 CIRCUIT PRODUCTS.
3. 基準面 ∇ からのソルダーテールと金具の半田付け面のズレ量は、
上方向に 0.05MAX. 下方向 0.15MAX. とし、20 極以下の相互の
バラツキ量は 0.1MAX. とする。
MISALIGNMENT OF SOLDER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

—	2.5	6.27	3.75	10.15	53780-0470	4
—	—	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

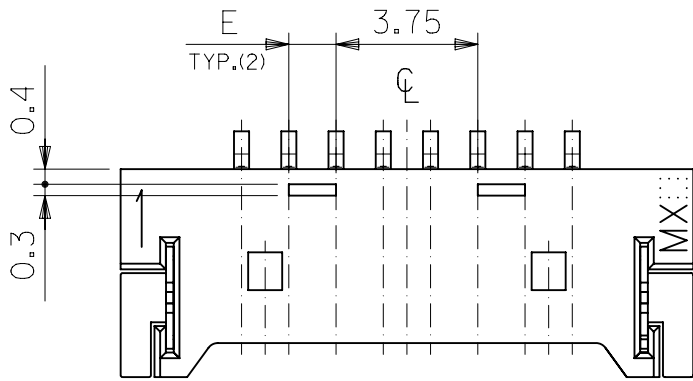
CONNECTOR SERIES NO. 53780-**-19

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

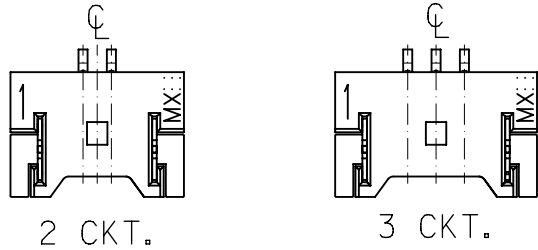
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516676		STATUS: Production			2026-04-18		
DIMENSION UNITS		SCALE		CURRENT REV		DESC: REMOVED OBSOLETE PART		NUMBERS AS PER PCN#516676	
mm		NTS		GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL		± 3°	
4 PLACES		± 0.20000		3 PLACES		± 0.2500		2 PLACES	
1 PLACE		± 0.300		0 PLACES		±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
A3-SIZE		53780		SEE TABLE		GENERAL MARKET		1 OF 2	
DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
SD-53780-003		PSD		001		H2			
molex		1.25 W/B CONN WAFER ASSY FOR SMT		PRODUCT CUSTOMER DRAWING					



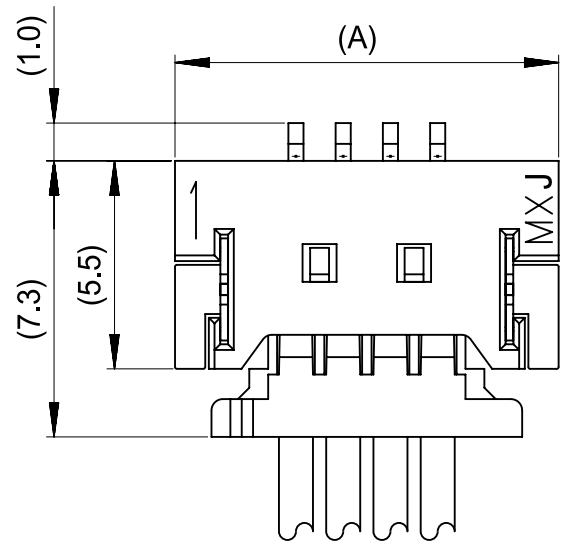
7~19 極の奇数極に適用
APPLY FOR ODD CIRCUITS OF 7~19



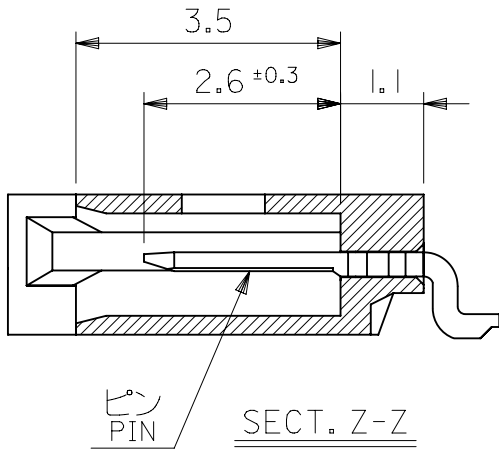
8~30 極の偶数極に適用
APPLY FOR EVEN CIRCUITS OF 8~30



ロック形状図
LOCK CONFIGURATION

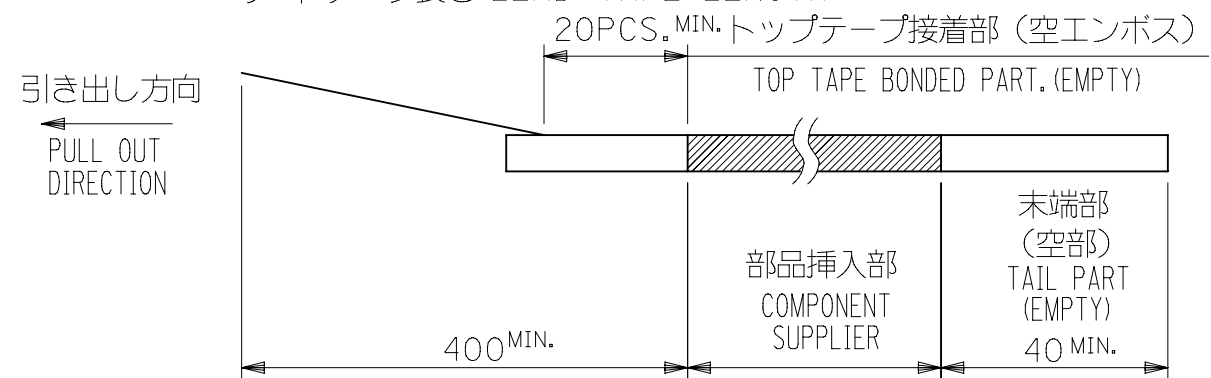
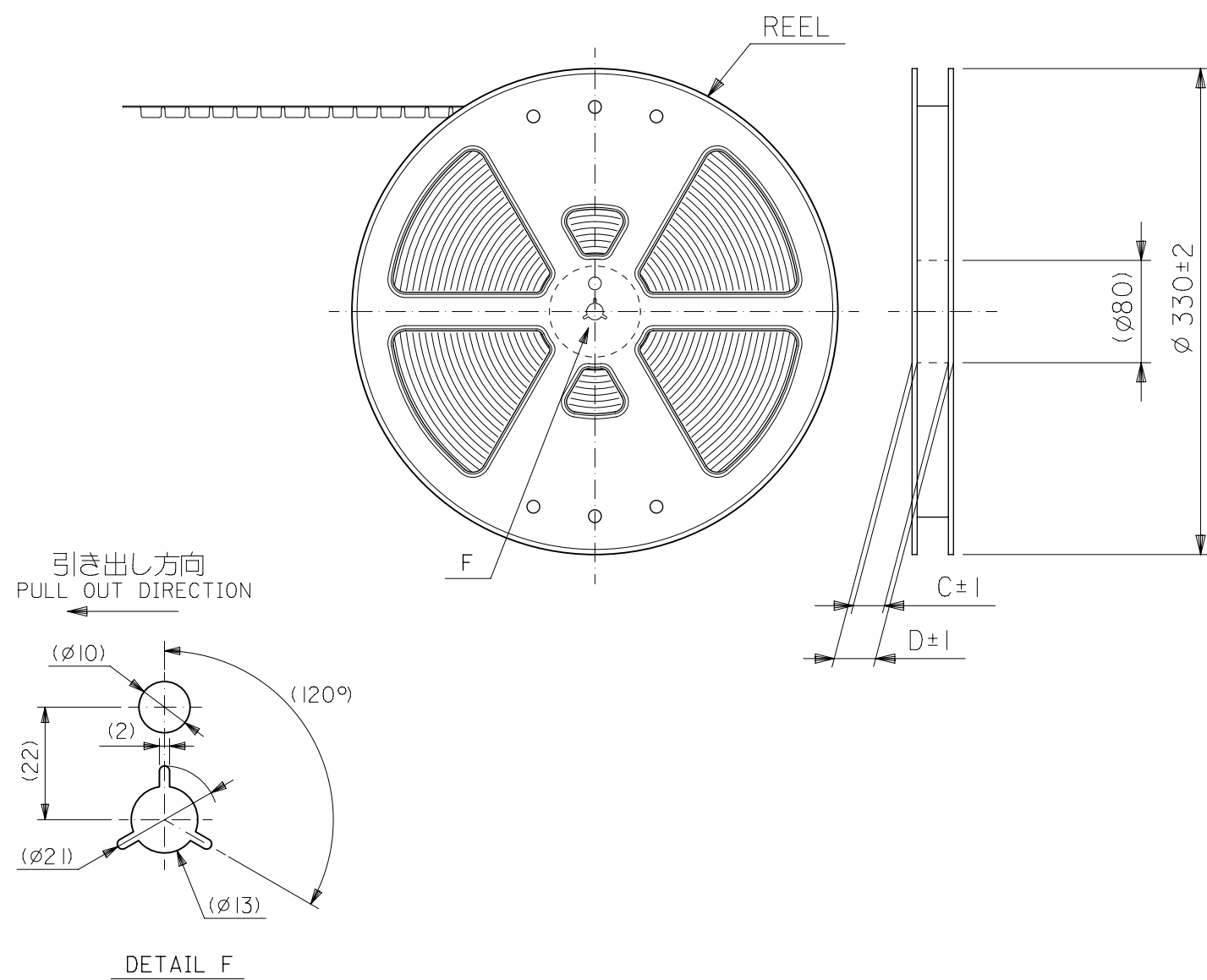


嵌合図 (SCALE 5:1)
MATED CONNECTORS (SCALE 5:1)

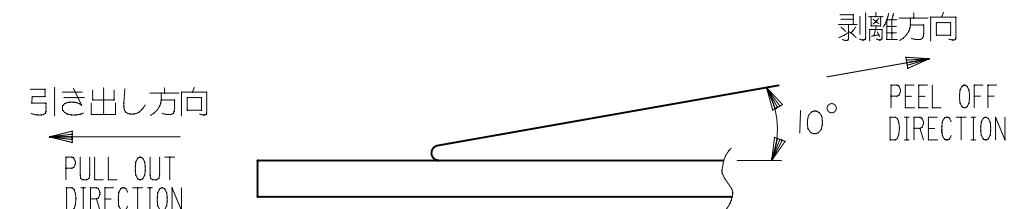


GENERAL TOLERANCES (UNLESS SPECIFIED)		
1.0 ^{OVER}	10 ^{UNDER}	±0.2
10 ^{OVER}	30 ^{UNDER}	±0.25
30 ^{OVER}		±0.3
ANGULAR		±3°

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 NUMBERS AS PER PCN#516676				molex 1.25 W/B CONN WAFER ASSY FOR SMT PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-53780-003 DOC TYPE PSD DOC PART 001 REVISION H2 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET SHEET NUMBER 2 OF 2	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3° 4 PLACES ± 0.20000 3 PLACES ± 0.2500 2 PLACES ± 0.300 1 PLACE ± 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				STATUS: Production DRWN: Sampreet S Mirajkar CHK'D: Ganesh Rao B APPR: Gurunandan GA 2026-04-18 2026-05-06 2026-05-06					
THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 53780					



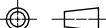
3. トップテープの剥離強度： 0.1N ～ 1.3N(10gf ～ 130gf)
(剥離方向は下図参照)
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE : 0.1N ～ 1.3N(10gf ～ 130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTATION.

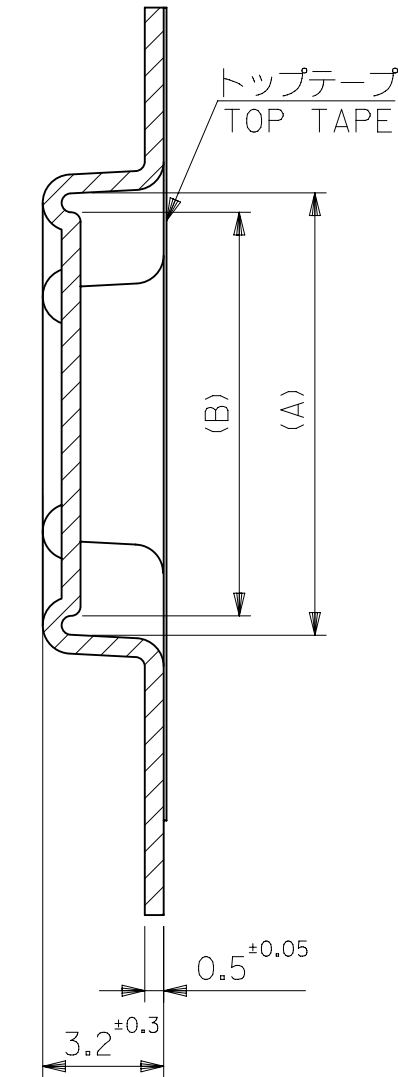


4. 材料(MATERIAL)
 キャリアテープ(CARRIER TAPE) : ポリプロピレン(POLYPROPYLENE)
 トップテープ(TOPTAPE) : PET , PE , PEF
 リール(REEL) : ポリスチレン (P.S) <リサイクル材を含む>
 POLYSTYRENE(PS) <RECYCLE MATERIAL CONTAINED>

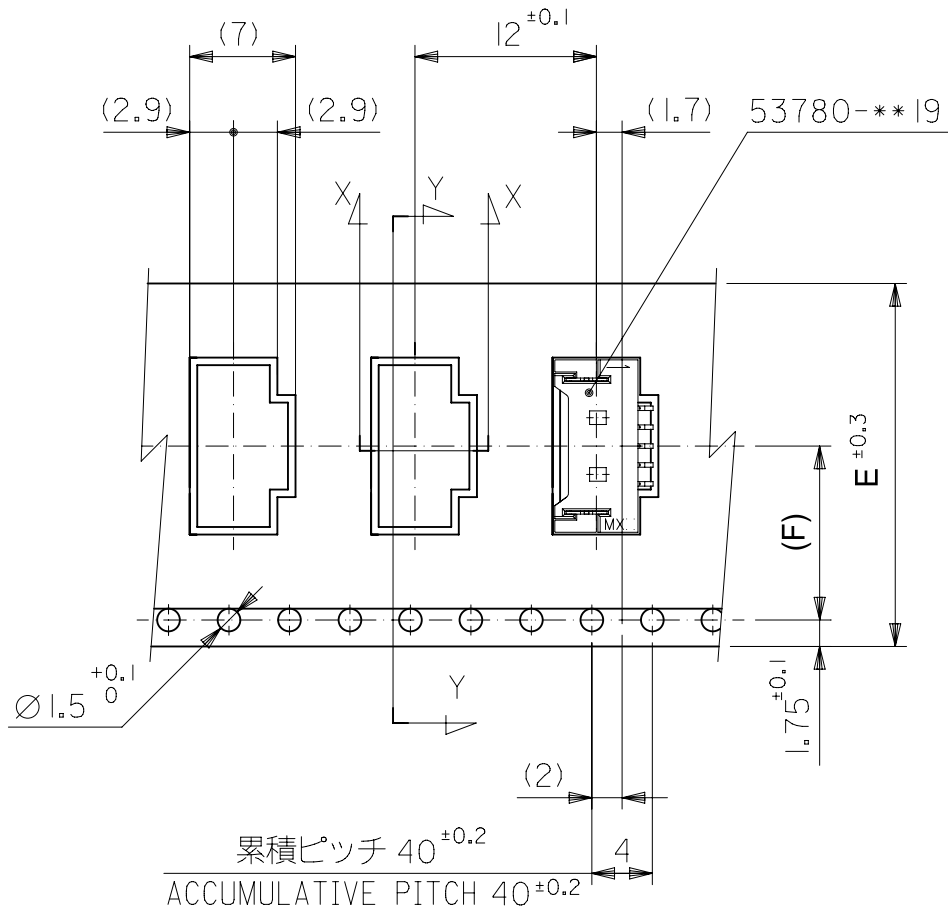
5. 本製品は 53780- **90/- **80 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53780- **90/- **80.

6. ELV及びRoHS適合品 ELV & RoHS COMPLIANT

GENERAL TOLERANCES (UNLESS SPECIFIED) 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 mm SCALE NTS CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516676 GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3° 4 PLACES ± 0.20000 3 PLACES ± 0.2500 2 PLACES ± 0.300 1 PLACE ± 0 PLACES ±		MODEL NO. 53780-004			
		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 C1		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 	DRAWING A3-SIZE	SERIES 53780	MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL MARKET	SHEET NUMBER 1 OF 2

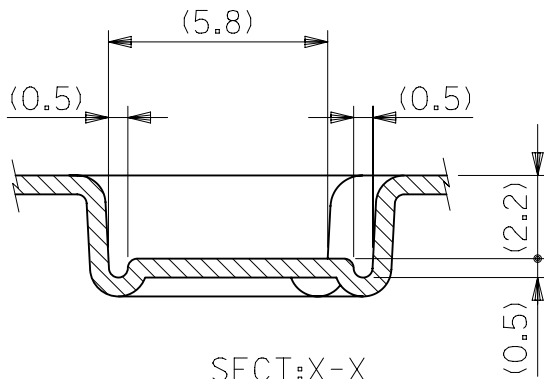


SECT:Y-Y
(SCALE 5:1)



引き出し方向

PULL OUT DIRECTION



SECT:X-X
(SCALE 5:1)

7.5	16	21.4	17.4	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°

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 3°
4 PLACES	± 0.20000
3 PLACES	± 0.2500
2 PLACES	± 0.300
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

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#516676

molex

1.25 W/B WAFER ASSY
EMBOSSED TAPE PACKAGE

PRODUCT CUSTOMER DRAWING

STATUS: Production
DRWN: Sampreet S Mirajkar
CHK'D: Ganesh Rao B
APPR: Gurunandan GA

2026-04-18
2026-05-06
2026-05-06

DOCUMENT NUMBER
SD-53780-004

DOC TYPE
PSD

DOC PART
001

REVISION
C1

MATERIAL NUMBER
SEE TABLE

CUSTOMER
GENERAL MARKET

SHEET NUMBER
2 OF 2

THIRD ANGLE PROJECTION

DRAWING
A3-SIZE

SERIES
53780