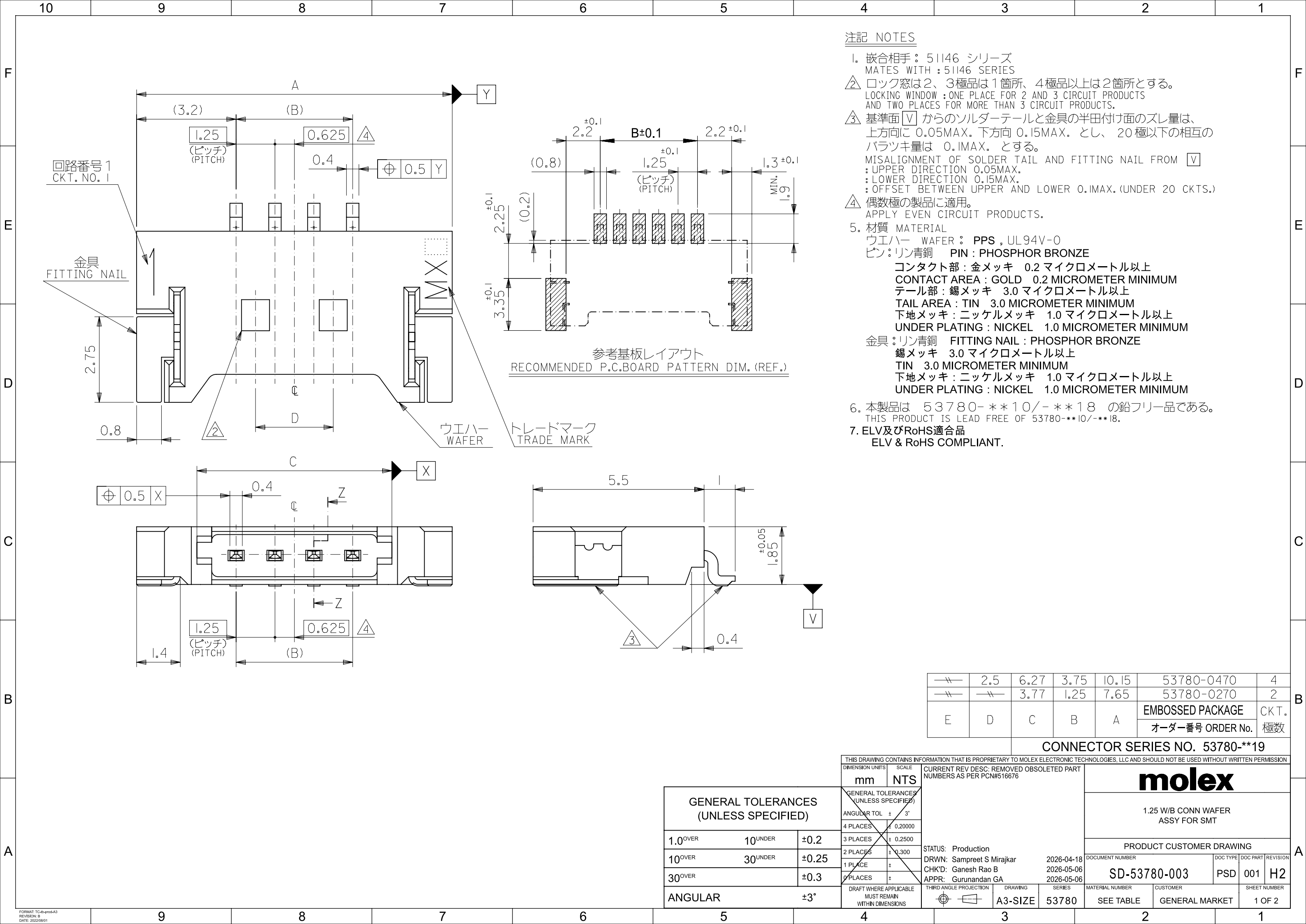




注記 NOTES

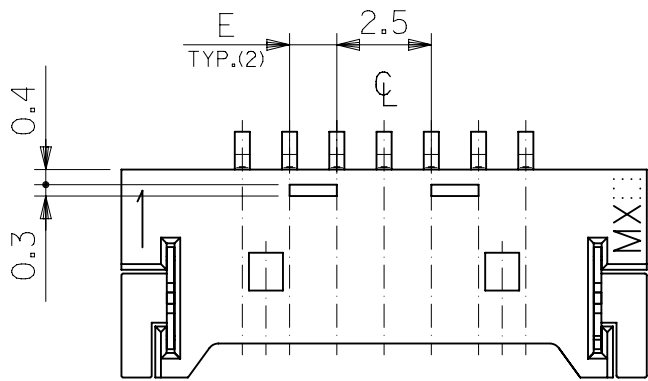
1. 嵌合相手 : 51146 シリーズ
MATES WITH : 51146 SERIES
2. ロック窓は2、3極品は1箇所、4極品以上は2箇所とする。
LOCKING WINDOW : ONE PLACE FOR 2 AND 3 CIRCUIT PRODUCTS
AND TWO PLACES FOR MORE THAN 3 CIRCUIT PRODUCTS.
3. 基準面 ∇ からのソルダーテールと金具の半田付け面のズレ量は、
上方向に 0.05MAX. 下方向 0.15MAX. とし、20 極以下の相互の
バラツキ量は 0.1MAX. とする。
MISALIGNMENT OF SOLDER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

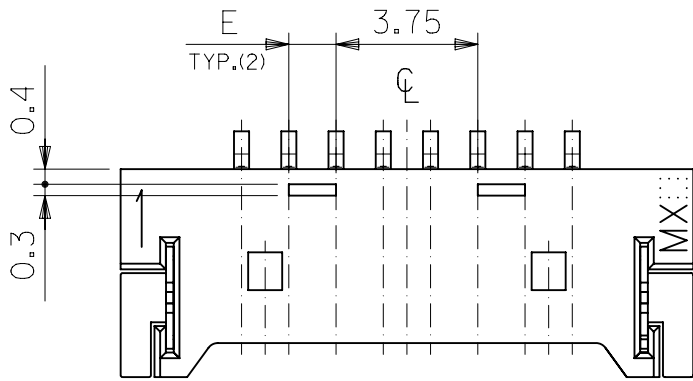
CONNECTOR SERIES NO. 53780-**-19

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

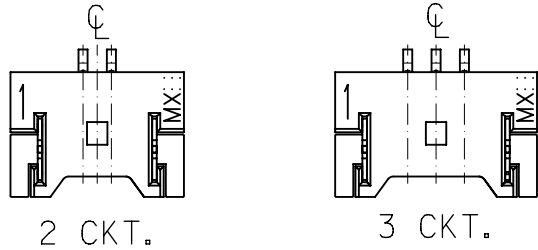
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516676		molex			
DIMENSION UNITS		SCALE		1.25 W/B CONN WAFER ASSY FOR SMT			
mm		NTS		PRODUCT CUSTOMER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



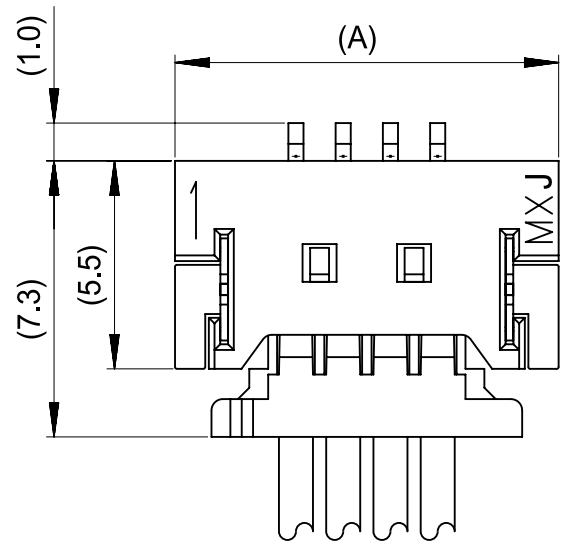
7～19 極の奇数極に適用
APPLY FOR ODD CIRCUITS OF 7～19



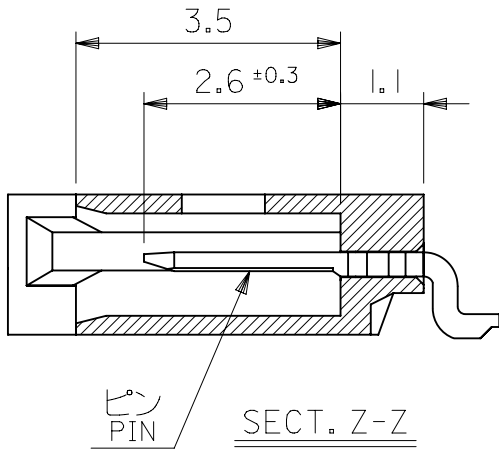
8～30 極の偶数極に適用
APPLY FOR EVEN CIRCUITS OF 8～30



ロック形状図
LOCK CONFIGURATION



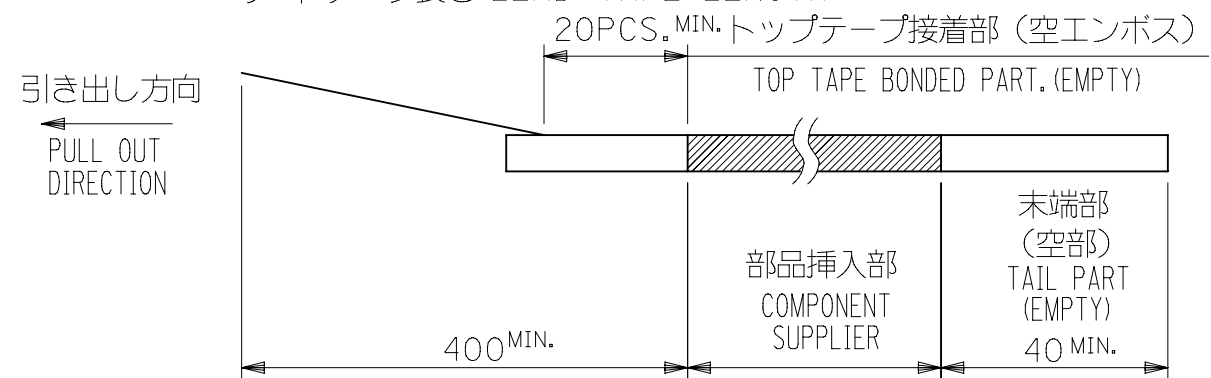
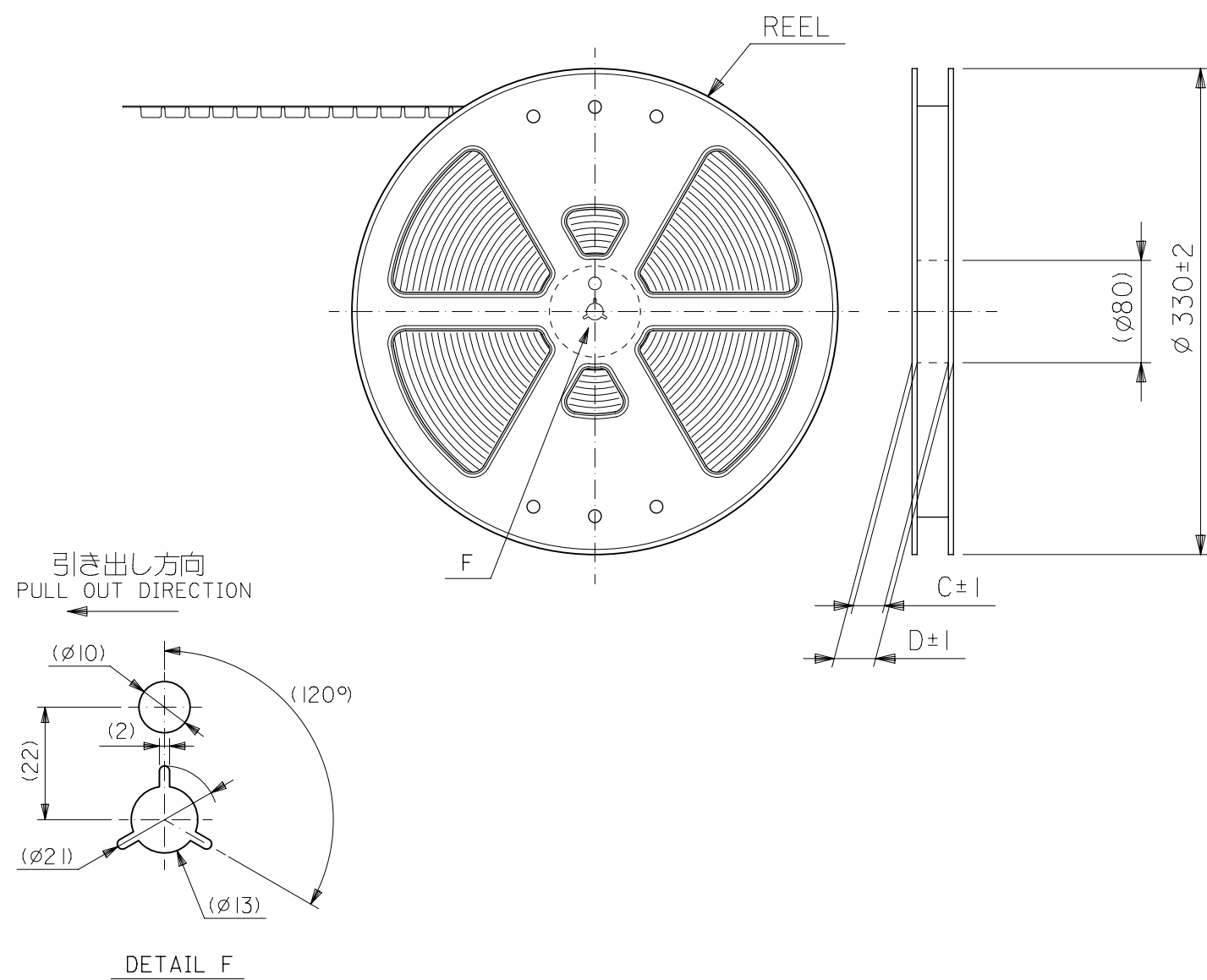
嵌合図 (SCALE 5:1)
MATED CONNECTORS (SCALE 5:1)



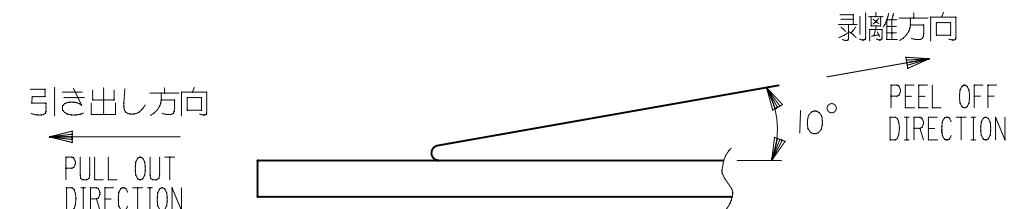
SECT. Z-Z

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 NUMBERS AS PER PCN#516676		molex			
GENERAL TOLERANCES (UNLESS SPECIFIED)		STATUS: Production		1.25 W/B CONN WAFER ASSY FOR SMT			
1.0 ^{OVER} 10 ^{UNDER} ±0.2		DRWN: Sampreet S Mirajkar		PRODUCT CUSTOMER DRAWING			
10 ^{OVER} 30 ^{UNDER} ±0.25		CHK'D: Ganesh Rao B		DOCUMENT NUMBER			
30 ^{OVER} ±0.3		APPR: Gurunandan GA		SD-53780-003			
ANGULAR ±3°		THIRD ANGLE PROJECTION		PSD 001 H2			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING		SHEET NUMBER			
		A3-SIZE		2 OF 2			



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.

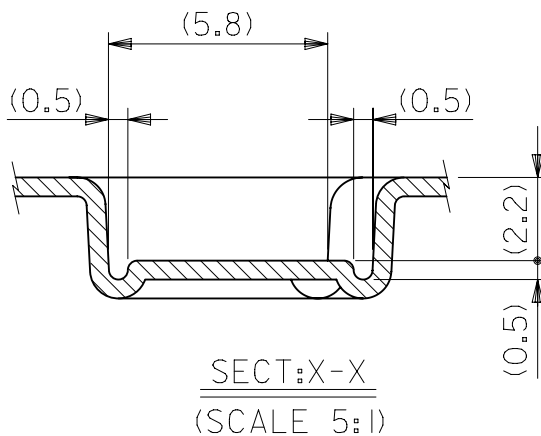
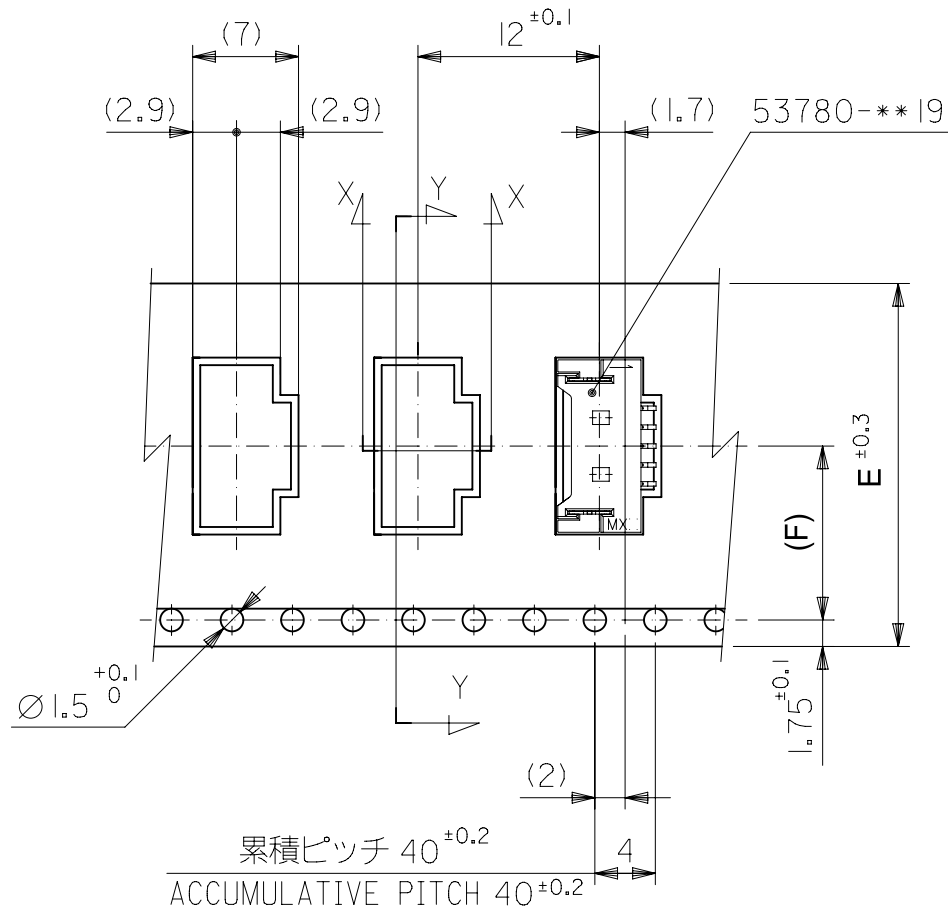
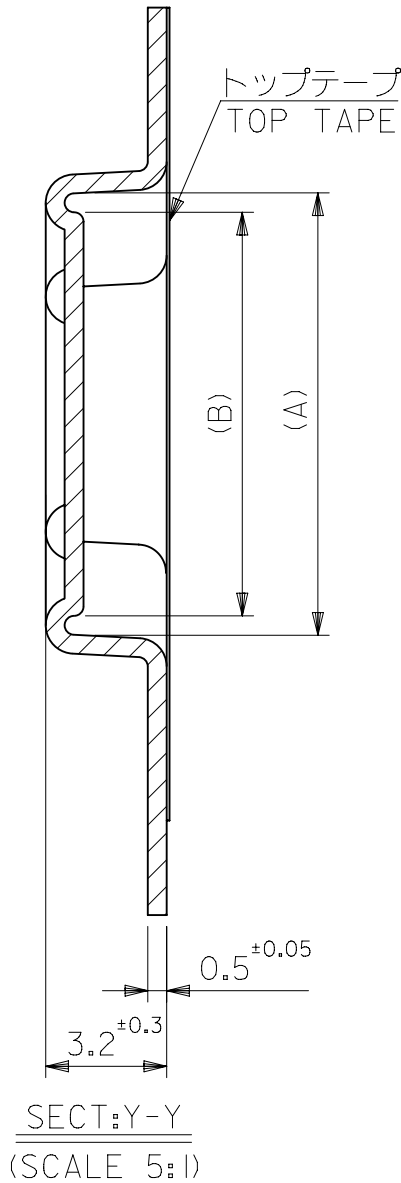


4. 材料(MATERIAL)
 キャリアテープ(CARRIER TAPE) : ポリプロピレン(POLYPROPYLENE)
 トップテープ(TOPTAPE) : PET , PE , PEF
 リール(REEL) : ポリスチレン (P.S) <リサイクル材を含む>
 POLYSTYRENE(PS) <RECYCLE MATERIAL CONTAINED>

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)		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
10 ^{UNDER}	±0.2	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3° 4 PLACES ± 0.20000 3 PLACES ± 0.2500 2 PLACES ± 0.300 1 PLACE ± 0 PLACES ±	
10 ^{OVER}	30 ^{UNDER} ±0.25		
30 ^{OVER}	±0.3		
ANGULAR ±3°			
		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516676	
		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	
		SERIES	
		MATERIAL NUMBER	
		CUSTOMER	
		SHEET NUMBER	
		A3-SIZE	
		53780	
		SEE TABLE	
		GENERAL MARKET	
		1 OF 2	
		MODEL NO. 53780-004	
		1.25 W/B WAFER ASSY EMBOSSED TAPE PACKAGE	
		PRODUCT CUSTOMER DRAWING	
		DOCUMENT NUMBER	
		DOC TYPE	
		DOC PART	
		REVISION	
		SD-53780-004	
		PSD	
		001	
		C1	



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°

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			
DIMENSION UNITS		SCALE		1.25 W/B WAFER ASSY EMBOSSED TAPE PACKAGE			
mm		NTS		PRODUCT CUSTOMER DRAWING			
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 3°		DOCUMENT NUMBER			
4 PLACES ± 0.20000		3 PLACES ± 0.2500		SD-53780-004			
2 PLACES ± 0.300		1 PLACE ±		PSD 001 C1			
0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NUMBER			
THIRD ANGLE PROJECTION		DRAWING		A3-SIZE			
STATUS: Production		DRWN: Sampreet S Mirajkar		2026-04-18			
CHK'D: Ganesh Rao B		APPR: Gurunandan GA		2026-05-06			
MATERIAL NUMBER		CUSTOMER		GENERAL MARKET			
SEE TABLE		2 OF 2					