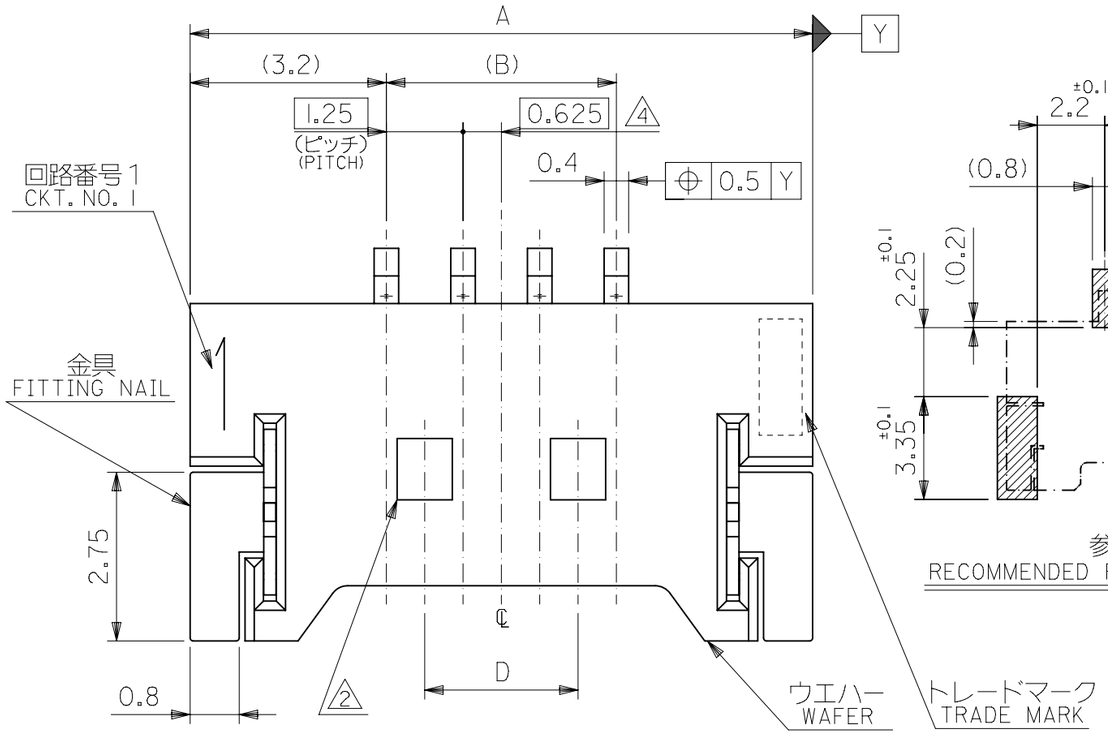
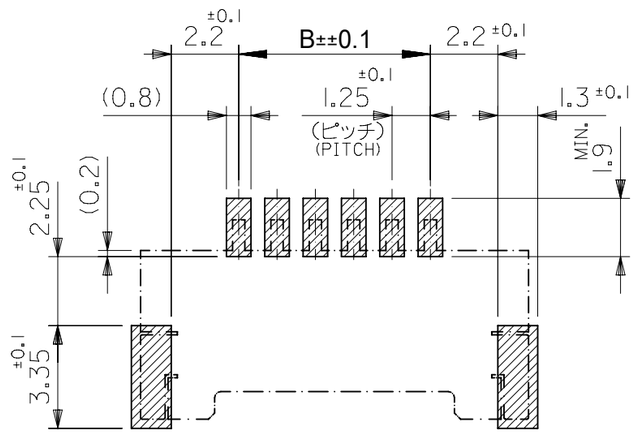
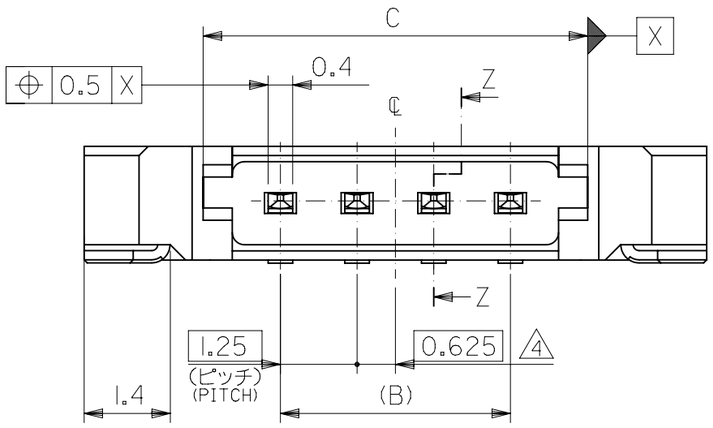
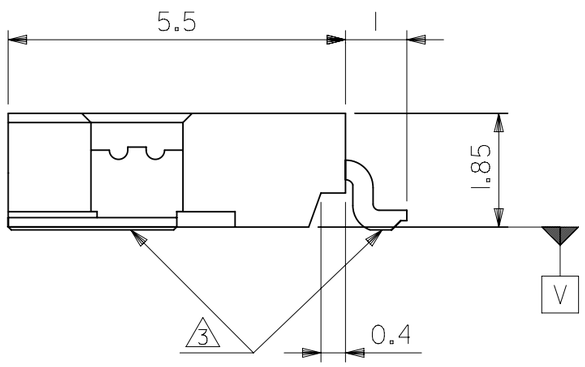




参考基板レイアウト
RECOMMENDED P.C.BOARD PATTERN DIM. (REF.)





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 からのソルダーテールと金具の半田付け面のズレ量は、上向きに0.05MAX. 下方向0.15MAX.とし、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 0.05 MAX.
   : LOWER DIRECTION 0.15 MAX.
4. 偶数極の製品に適用。
   APPLY EVEN CIRCUIT PRODUCTS.
5. 材質 MATERIAL
   ウエハー WAFER : PA, UL94HB
   COLOR : BLACK
   ピン : リン青銅（下地：ニッケル、コンタクト部：金メッキ、テール部：錫メッキ）
   PIN : PHOS-BRO (UNDER:NICKEL PLATING, CONTACT:GOLD PLATING, TAIL:TIN PLATING)
   金具 : リン青銅（ニッケル下地、錫メッキ）
   FITTING NAIL : PHOS-BRO (TIN OVER NICKEL PLATING)
6. ELV 及び RoHS適合品
   ELV AND RoHS COMPLIANT.

═══	5	8.77	6.25	12.65	537808606	6
═══	2.5	6.27	3.75	10.15	537808604	4
═══	═══	3.77	1.25	7.65	537808602	2
E	D	C	B	A	EMBOSSED PACKAGE オーダー番号 ORDER NO.	CKT. 極数

CONNECTOR SERIES No. 53780-87**

GENERAL TOLERANCES (UNLESS SPECIFIED)			
0.25	UNDER		±0.03
0.25	OVER	0.5 UNDER	±0.05
0.5	OVER	1.0 UNDER	±0.1
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: mm
SCALE: 10:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	± 0.2	±
3 PLACES	± 0.25	±
2 PLACES	± 0.3	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#510656.

EC NO: 720751
DRWN: SANTHN 2022/09/09
CHK'D: GGA 2022/09/21
APPR: GGA 2022/09/21

INITIAL REVISION:
DRWN: QHE31 2016/05/25
APPR: TKAENK0 2016/05/26

molex

1.25 W/B CONN WAFER
ASSY FOR SMT -LOW-HALOGEN-

PRODUCT CUSTOMER DRAWING

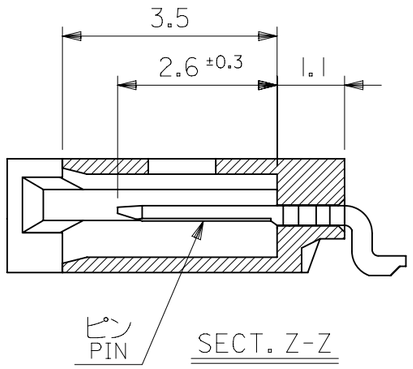
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-53780-009	PSD	001	A

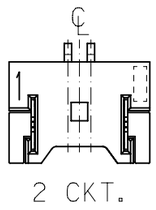
THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 53780

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 2

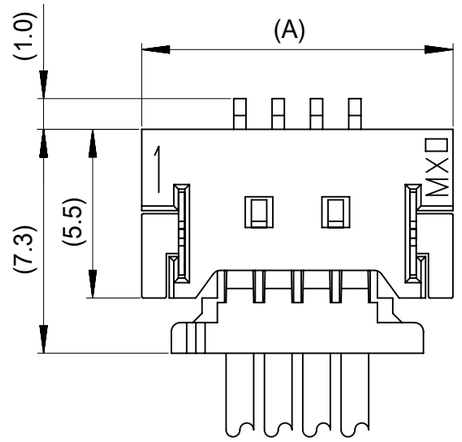
DOCUMENT STATUS	P1	RELEASE DATE	2022/09/21 10:19:45

FORMAT: Mel-lega-master-lb-prod-A3
REVISION: E1
DATE: 2021/05/01





ロック形状図
LOCK CONFIGURATION



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

GENERAL TOLERANCES (UNLESS SPECIFIED)	
0.25 UNDER	±0.03
0.25 OVER 0.5 UNDER	±0.05
0.5 OVER 1.0 UNDER	±0.1
1.0 OVER 10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3°

GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH
4 PLACES	± 0.2	±
3 PLACES	± 0.25	±
2 PLACES	0.3	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0	

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

DIMENSION UNITS	SCALE
mm	10:1

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#510656.

EC NO:	720751	
DRWN:	SANTHN	2022/09/09
CHK'D:	GGA	2022/09/21
APPR:	GGA	2022/09/21
INITIAL REVISION:		
DRWN:	QHE31	2016/05/25
APPR:	TKAENK0	2016/05/26

THIRD ANGLE PROJECTION	DRAWING	SERIES
	A3-SIZE	53780

53780-87** | MODEL NO.

molex

1.25 W/B CONN WAFER
ASSY FOR SMT -LOW-HALOGEN-

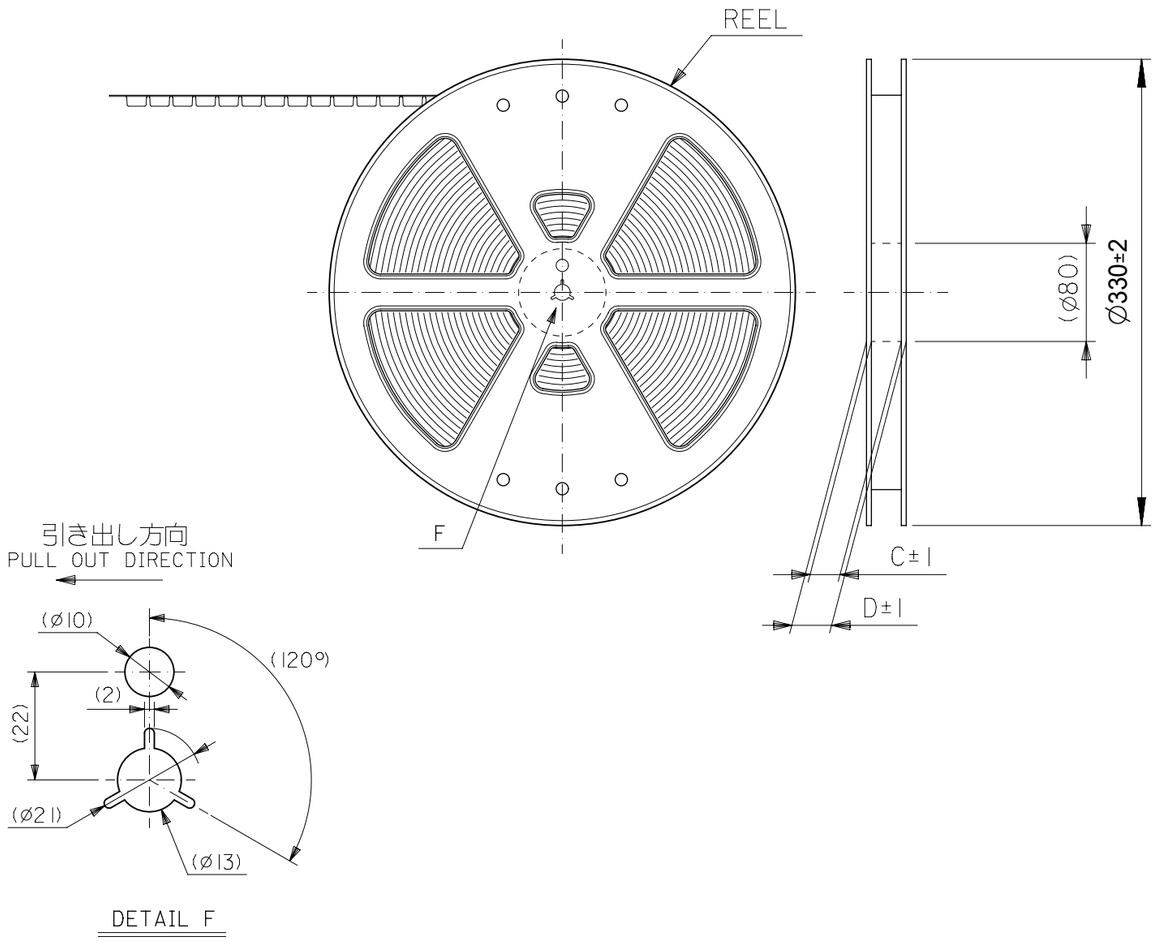
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-53780-009	PSD	001	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2022/09/21 10:19:45

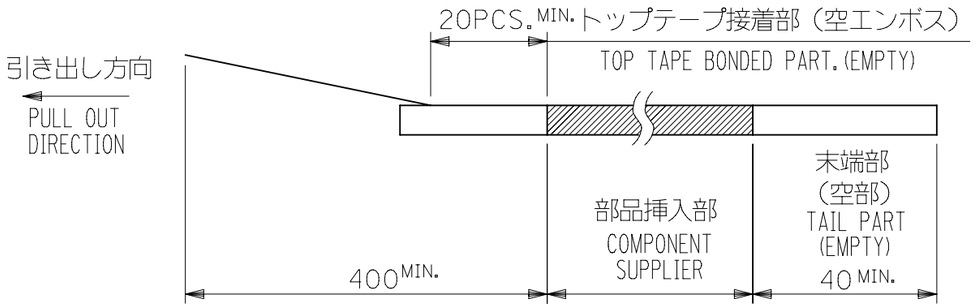
FORMAT: Mel-lega-master-tb-prod-A3
REVISION: E1
DATE: 2021/05/01



DETAIL F

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. 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>
4. 53780-87** の詳細寸法については、図面 SD-53780-009 を参照下さい。
   RE DETAILED DIMENSIONS, SEE RSD-53780-019.
5. ELV 及び RoHS適合品
   ELV AND RoHS COMPLIANT.

GENERAL TOLERANCES (UNLESS SPECIFIED)		
0.25 UNDER	UNDER	±0.03
0.25 OVER	0.5 UNDER	±0.05
0.5 OVER	1.0 UNDER	±0.1
1.0 OVER	10 UNDER	±0.2
10 OVER	30 UNDER	±0.25
30 OVER		±0.3
ANGULAR	±3°	

GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH
4 PLACES	± 0.2	±
3 PLACES	± 0.25	±
2 PLACES	± 0.3	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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DIMENSION UNITS: mm　SCALE: NTS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#5120656.

EC NO: 720751
DRWN: SANTHN 2022/09/09
CHK'D: GGA 2022/09/21
APPR: GGA 2022/09/21

INITIAL REVISION:
DRWN: QHE31 2016/05/25
APPR: TKANEK0 2016/05/26

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 53780

53780-86** MODEL NO.

molex

1.25 W/B CONN WAFER
ASSY FOR SMT - LOW-HALOGEN -

PRODUCT CUSTOMER DRAWING

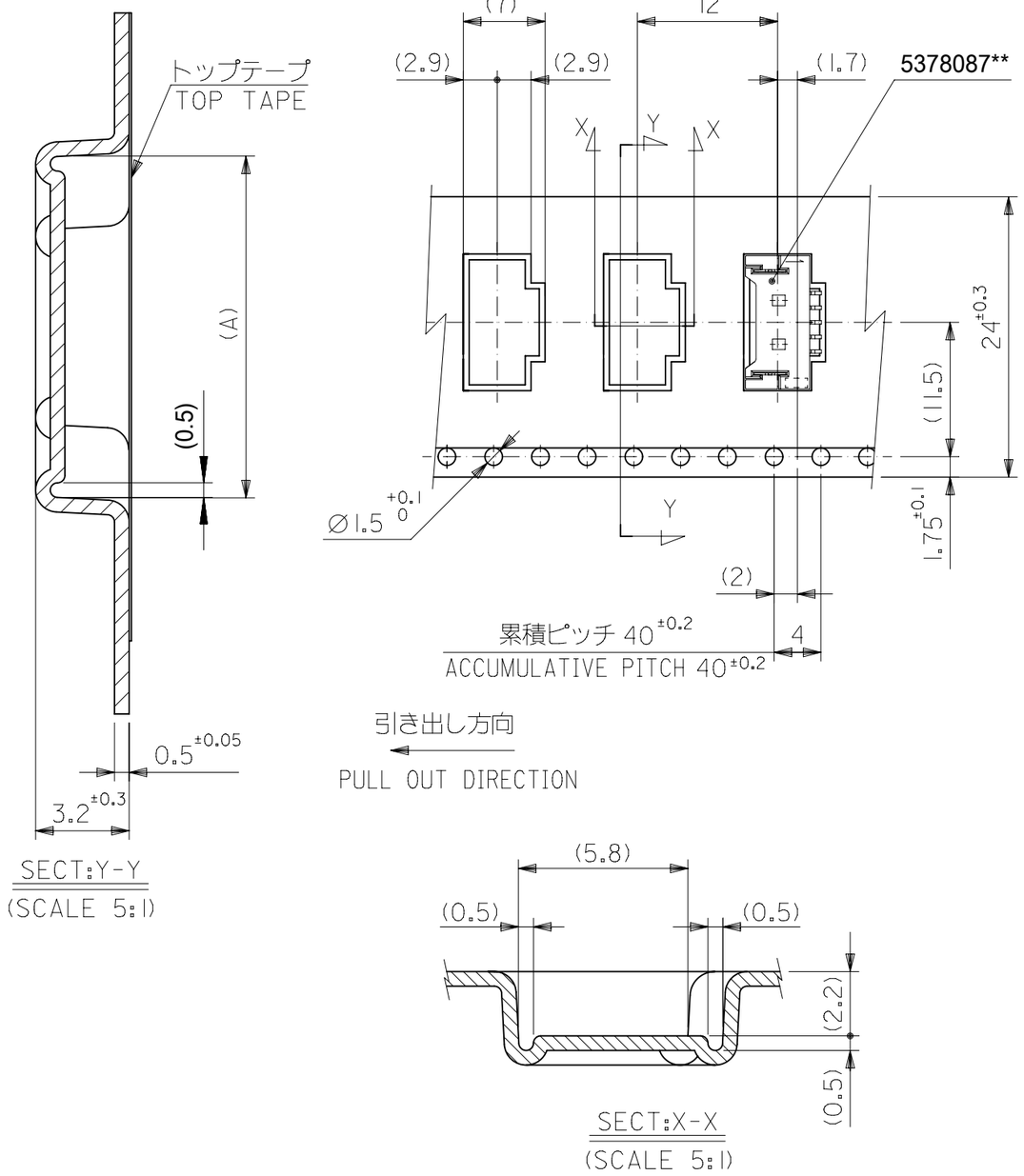
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-53780-010	PSD	001	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2022/09/21 10:19:46

FORMAT: Molex-landscape-tb-prod-A3
REVISION: E1
DATE: 2021/05/07

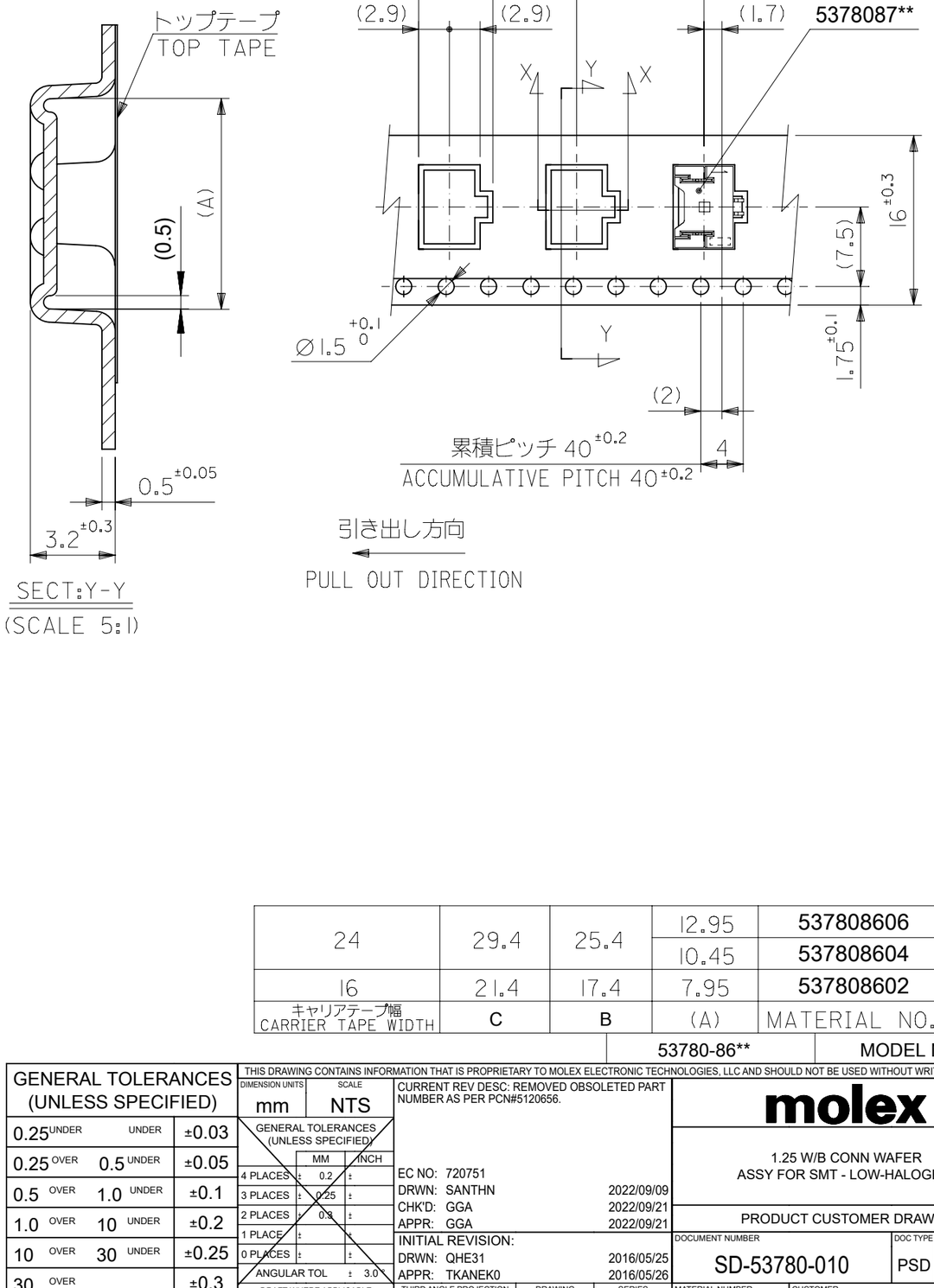
キャリアテープ幅 24mm



SECT:Y-Y
(SCALE 5:1)

SECT:X-X
(SCALE 5:1)

キャリアテープ幅 16mm



SECT:Y-Y
(SCALE 5:1)

キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	極数 CKT.
24	29.4	25.4	12.95	537808606	6
			10.45	537808604	4
16	21.4	17.4	7.95	537808602	2

53780-86** MODEL NO.

GENERAL TOLERANCES (UNLESS SPECIFIED)			
0.25	UNDER		±0.03
0.25	OVER	0.5 UNDER	±0.05
0.5	OVER	1.0 UNDER	±0.1
1.0	OVER	10 UNDER	±0.2
10	OVER	30 UNDER	±0.25
30	OVER		±0.3
ANGULAR			±3°

DIMENSION UNITS: mm
SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	± 0.2	±
3 PLACES	± 0.25	±
2 PLACES	± 0.5	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#5120656.

EC NO: 720751
DRWN: SANTHN 2022/09/09
CHK'D: GGA 2022/09/21
APPR: GGA 2022/09/21

INITIAL REVISION:
DRWN: QHE31 2016/05/25
APPR: TKANEK0 2016/05/26

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 53780

molex

1.25 W/B CONN WAFER
ASSY FOR SMT - LOW-HALOGEN -

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-53780-010	PSD	001	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2022/09/21 10:19:46

FORMAT: Molex-Header-tb-prod-A3
REVISION: E1
DATE: 2021/05/07