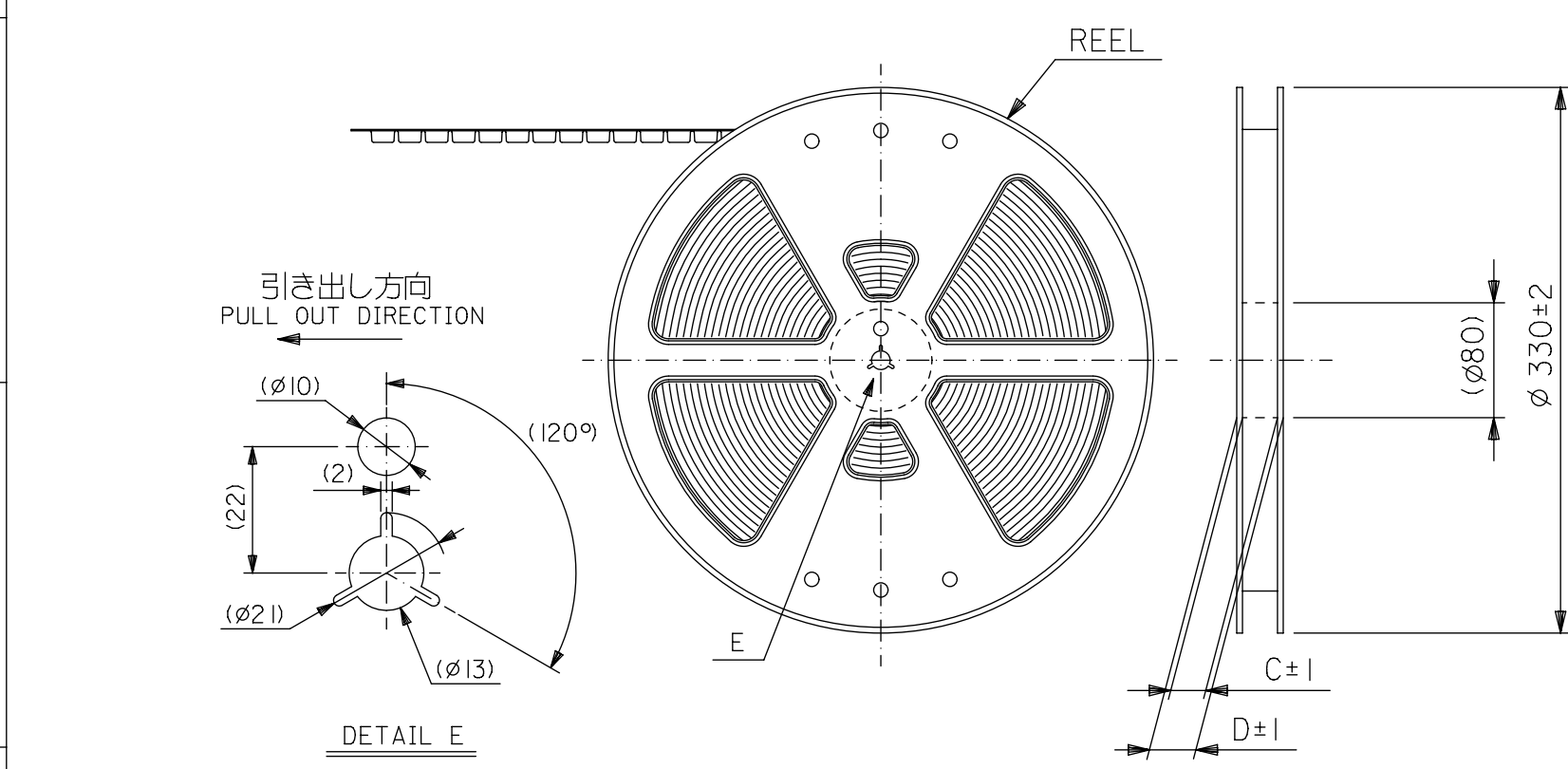




5. 材料 キャリアテープ：ポリプロピレン（PP）
 トップテープ：PET，PE，PEF
 リール：ポリスチレン（PS）＜リサイクル材を含む＞

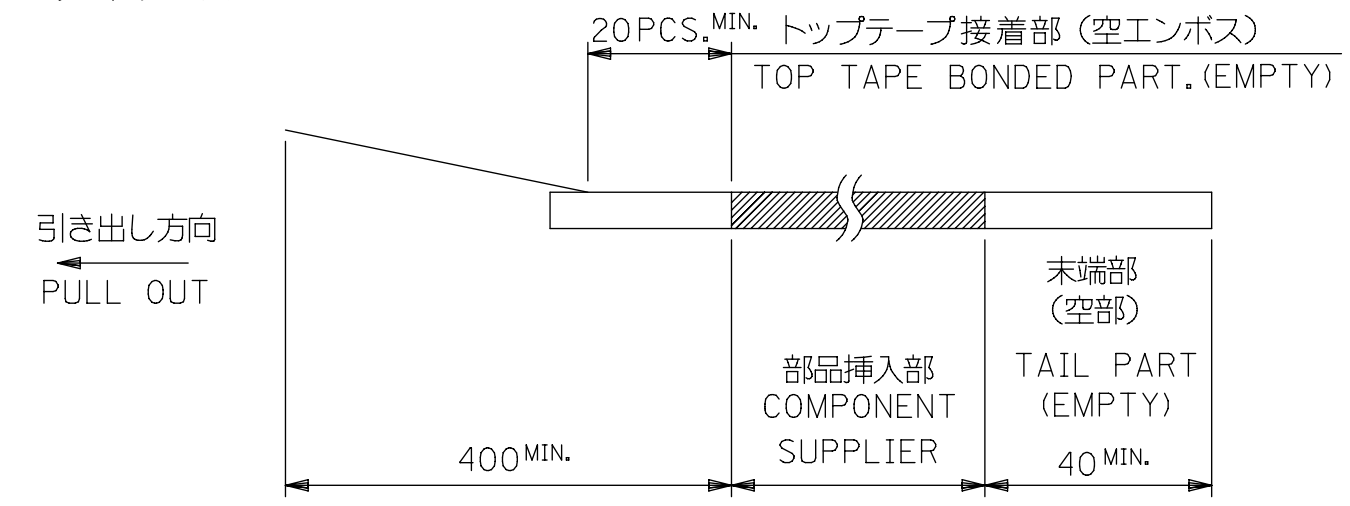
MATERIAL CARRIER TAPE:POLYPROPYLENE
 TOP TAPE:PET,PE,PEF
 REEL:POLYSTYREN(PS)
 ＜RECYCLE MATERIAL CONTAINED＞

6. 本製品は 52559-**-92の鉛フリー品である。
 THIS PRODUCT IS LEAD FREE OF 52559-**-92

7.本製品は乾燥剤入り、ハイバリア梱包仕様である。
 THIS PRODUCT IS HIGH BARRIER PACKAGE WITH DESICCANT.

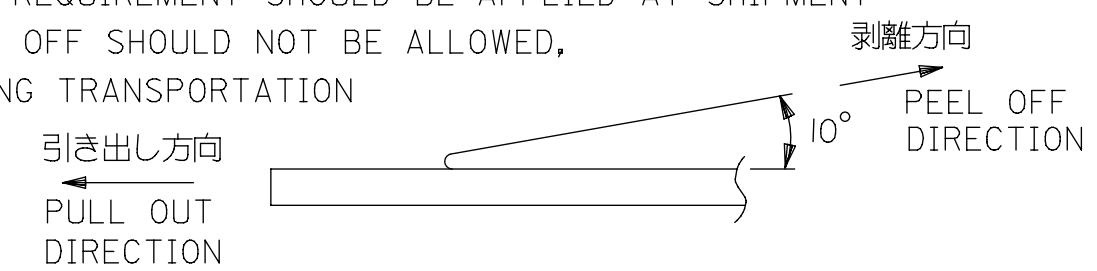
注記 NOTES

- 製品番号 52559-**-19 の梱包状態はアクチュエータがロックした状態とする。
IN THE PACKAGE,ACTUATOR OF PART NO.52559-**-19 SHOULD BE LOCKED
- 梱包数量：1000個／リール
NUMBER OF CONNECTORS:1000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH

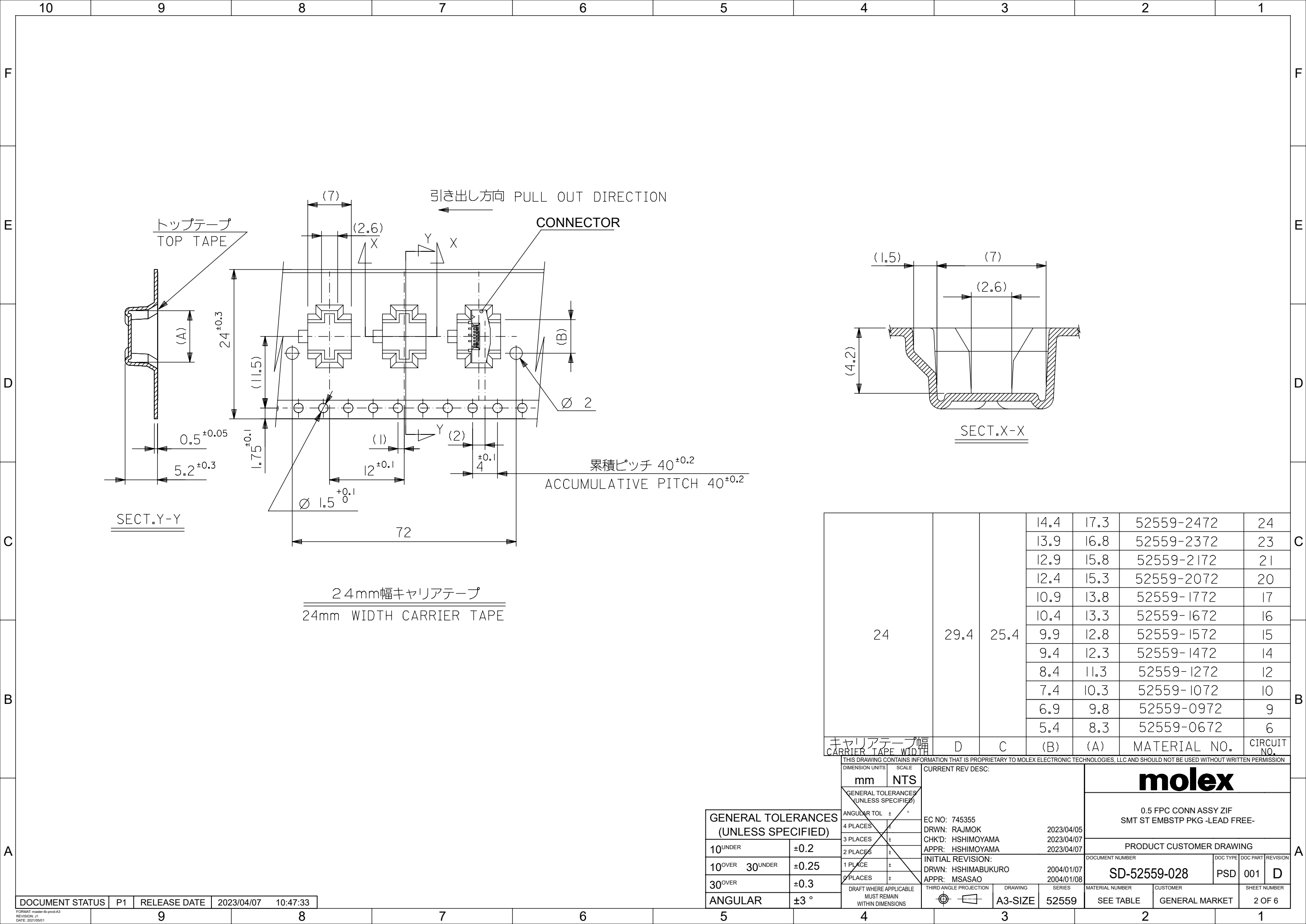


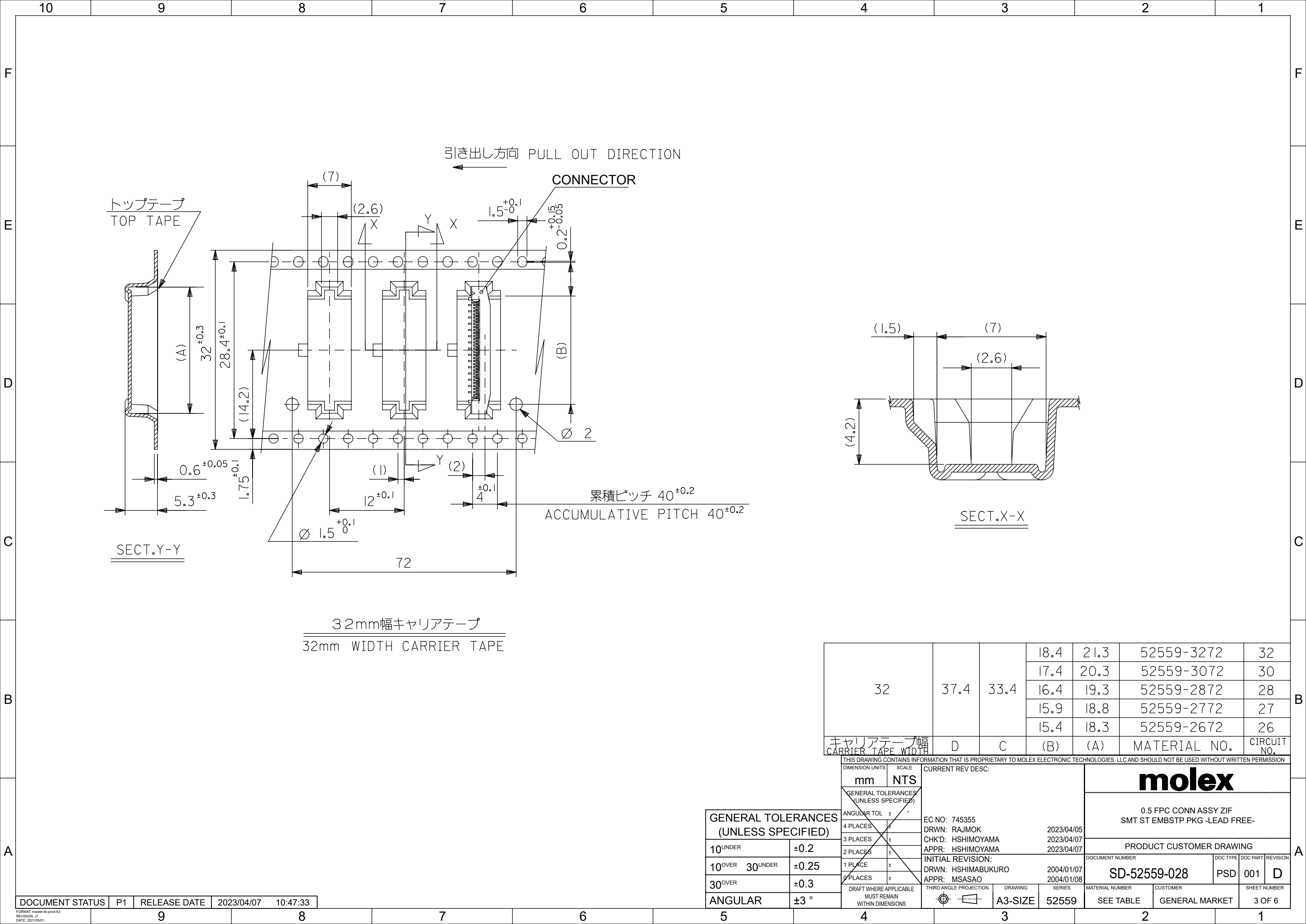
- トップテープの剥離強度：（剥離方向は下図参照）
0.1～1.3N {10gf～130gf} 尚、本規格値は、出荷時に適用。
（但し、輸送時に剥離が発生しない事。）

PEELING OFF FORCE OF TOP TAPE
0.1～1.3N{10gf～130gf}(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT
PEEL OFF SHOULD NOT BE ALLOWED,
DURING TRANSPORTATION



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:		molex	
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 745355		0.5 FPC CONN ASSY ZIF	
		DRWN: RAJMOK		SMT ST EMBSTP PKG -LEAD FREE-	
		CHK'D: HSHIMOYAMA		PRODUCT CUSTOMER DRAWING	
		APPR: HSHIMOYAMA		DOCUMENT NUMBER	
		INITIAL REVISION:		DOC TYPE	
DRWN: HSHIMABUKURO		SD-52559-028		DOC PART	
APPR: MSASAO		2004/01/07		REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		MATERIAL NUMBER	
ANGULAR		A3-SIZE		CUSTOMER	
10 ^{UNDER}		52559		SHEET NUMBER	
10 ^{OVER} 30 ^{UNDER}				1 OF 6	
30 ^{OVER}					
±0.2					
±0.25					
±0.3					
±3 °					



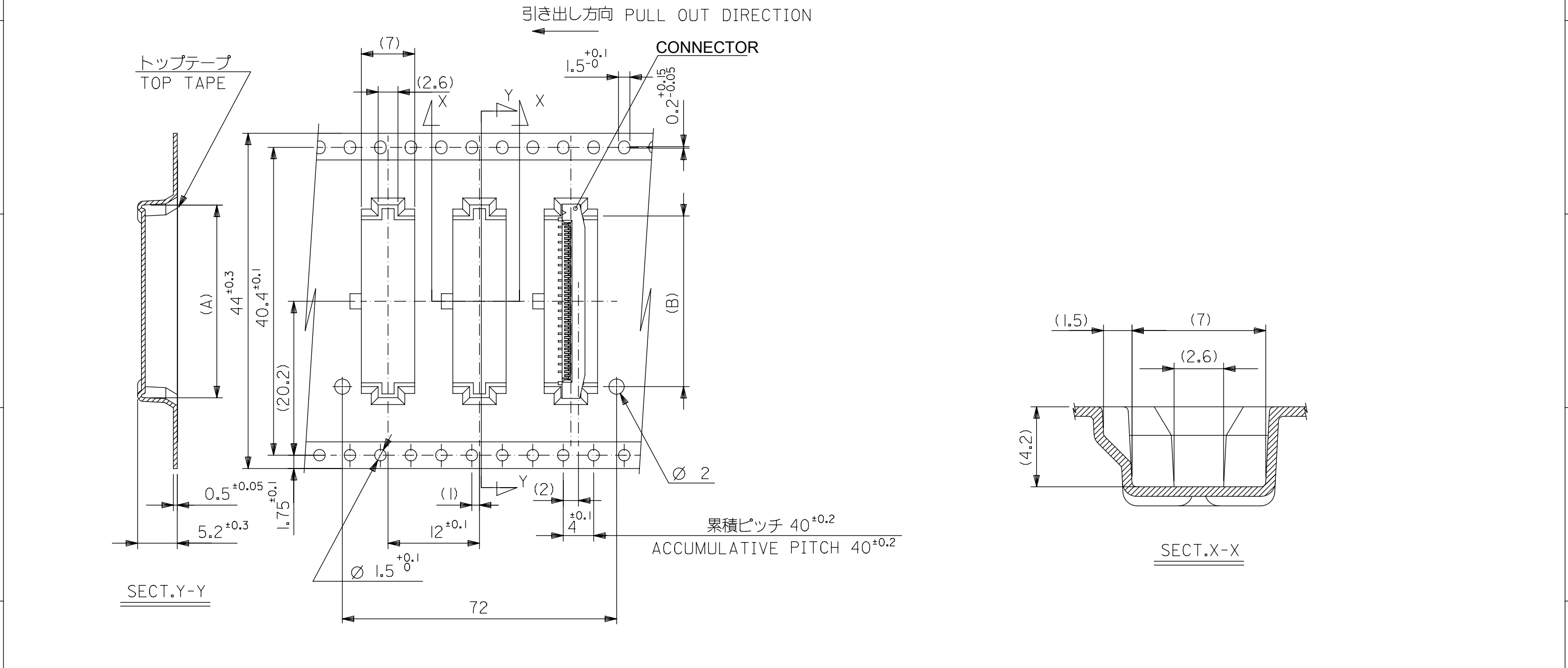


32	37.4	33.4	18.4	21.3	52559-3272	32
			17.4	20.3	52559-3072	30
			16.4	19.3	52559-2872	28
			15.9	18.8	52559-2772	27
			15.4	18.3	52559-2672	26
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	CIRCUIT NO.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 745355 DRWN: RAJMOK CHK'D: HSHIMOYAMA APPR: HSHIMOYAMA		0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE-		
GENERAL TOLERANCES (UNLESS SPECIFIED)		INITIAL REVISION: DRWN: HSHIMABUKURO APPR: MSASAO		PRODUCT CUSTOMER DRAWING		
10 ^{UNDER}		±0.2		DOCUMENT NUMBER		
10 ^{OVER} 30 ^{UNDER}		±0.25		SD-52559-028		
30 ^{OVER}		±0.3		PSD 001 D		
ANGULAR		±3 °		SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		3 OF 6		
DIMENSION UNITS		SCALE		SEE TABLE		
mm		NTS		GENERAL MARKET		
ANGULAR TOL		± °		A3-SIZE		
4 PLACES		±		52559		
3 PLACES		±		2004/01/07		
2 PLACES		±		2004/01/08		
1 PLACE		±		2004/01/08		
0 PLACES		±		2004/01/08		

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/07	10:47:33
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FORMAT: master-b-prod-A3
REVISION: J1
DATE: 2021/05/01

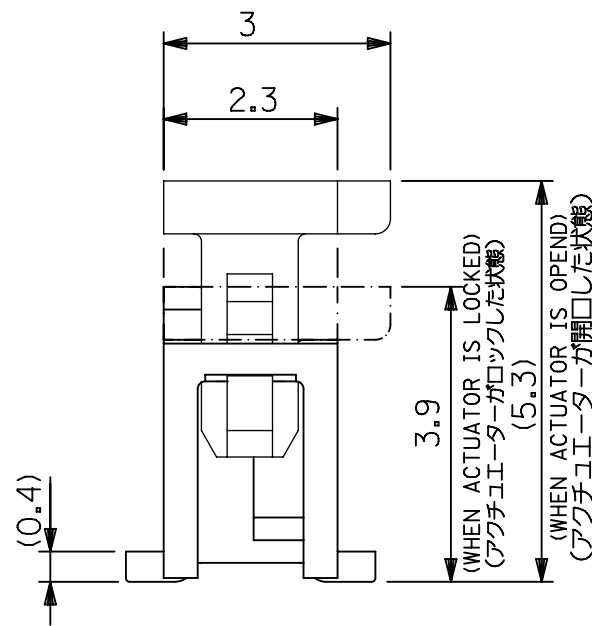
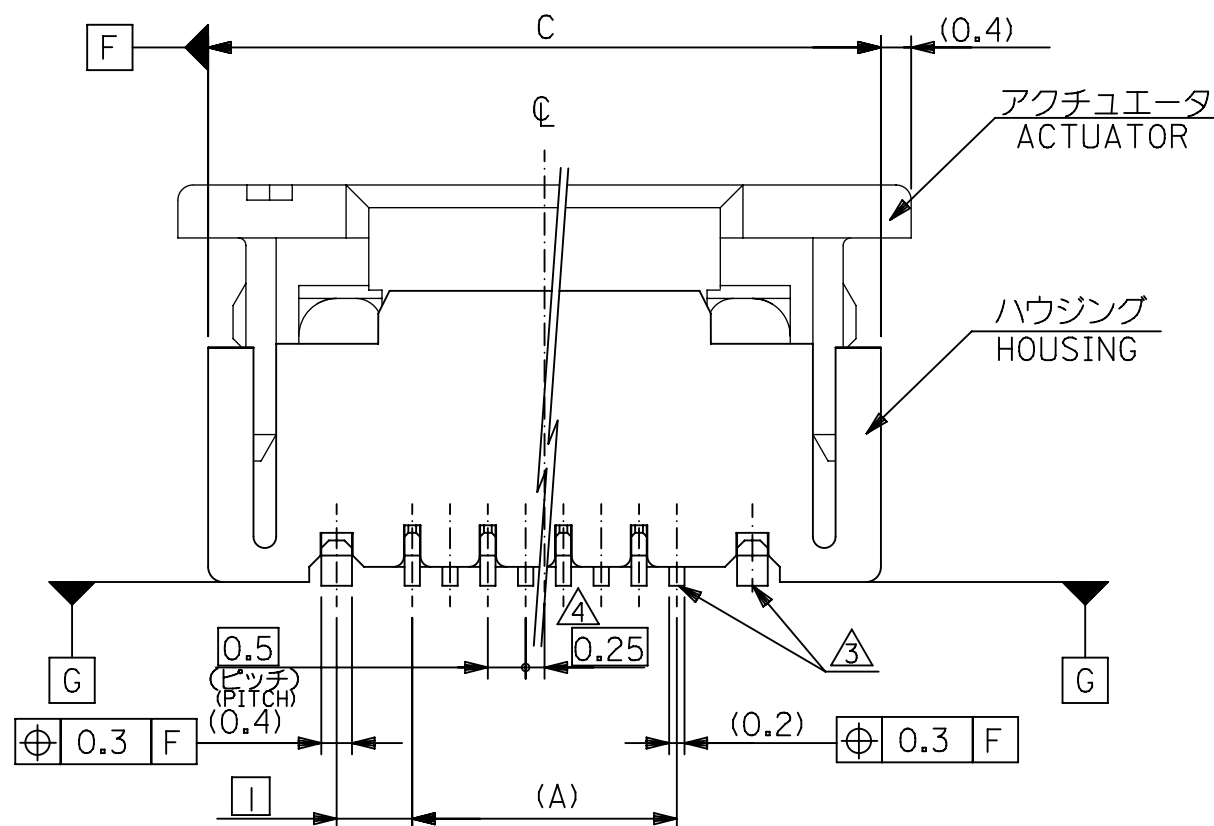
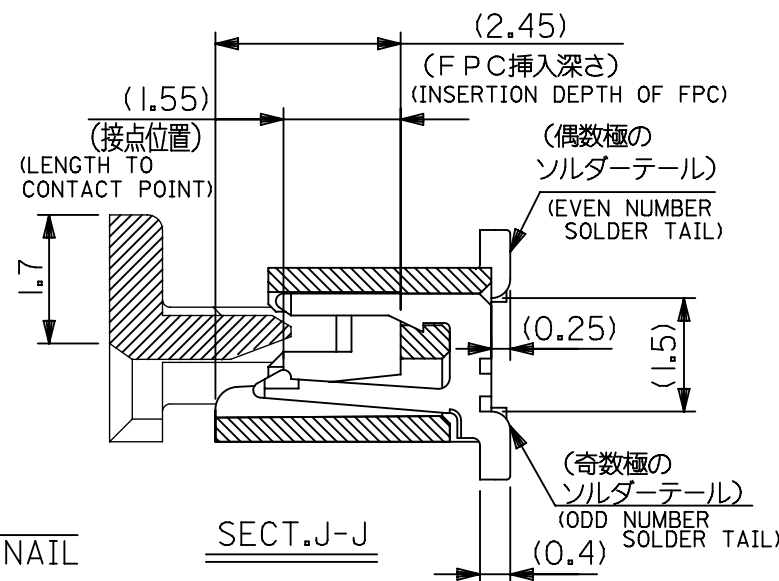
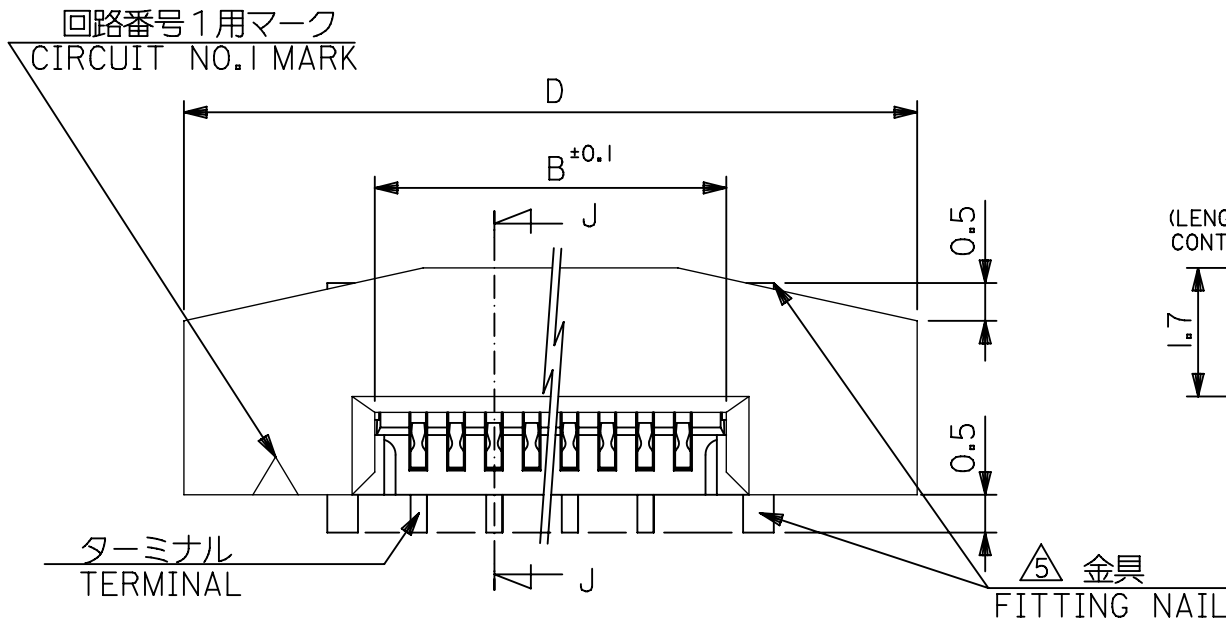


44mm幅キャリアテープ
44mm WIDTH CARRIER TAPE

44	49.4	45.4	22.4	25.3	52559-4072	40
			20.4	23.3	52559-3672	36
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	CIRCUIT NO.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

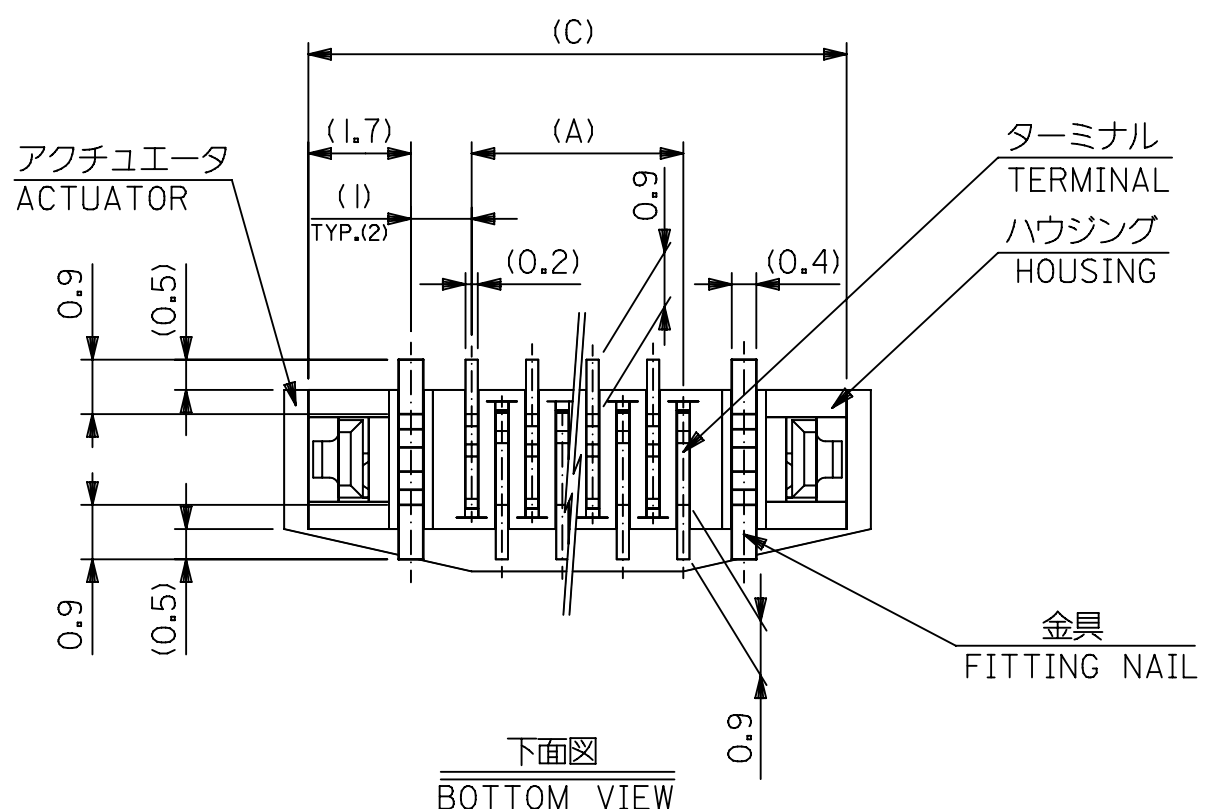
GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
		mm		NTS													
		GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL		±		°		0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE- PRODUCT CUSTOMER DRAWING							
		4 PLACES		±													
		3 PLACES		±				EC NO: 745355 DRWN: RAJMOK CHK'D: HSHIMOYAMA APPR: HSHIMOYAMA 2023/04/05 2023/04/07 2023/04/07									
2 PLACES		±															
10 ^{UNDER}		±0.2		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		INITIAL REVISION: DRWN: HSHIMABUKURO APPR: MSASAO 2004/01/07 2004/01/08				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
10 ^{OVER} 30 ^{UNDER}		±0.25								SD-52559-028		PSD		001		D	
30 ^{OVER}		±0.3								MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
ANGULAR		±3 °								SEE TABLE		GENERAL MARKET				4 OF 6	
												A3-SIZE		52559			



25.7	24.9	20.65	19.5	52559-4072	40
23.7	22.9	18.65	17.5	-3672	36
21.7	20.9	16.65	15.5	-3272	32
20.7	19.9	15.65	14.5	-3072	30
19.7	18.9	14.65	13.5	-2872	28
19.2	18.4	14.15	13.0	-2772	27
18.7	17.9	13.65	12.5	-2672	26
17.7	16.9	12.65	11.5	-2472	24
17.2	16.4	12.15	11.0	-2372	23
16.2	15.4	11.15	10.0	-2172	21
15.7	14.9	10.65	9.5	-2072	20
14.2	13.4	9.15	8.0	-1772	17
13.7	12.9	8.65	7.5	-1672	16
13.2	12.4	8.15	7.0	-1572	15
12.7	11.9	7.65	6.5	-1472	14
11.7	10.9	6.65	5.5	-1272	12
10.7	9.9	5.65	4.5	-1072	10
10.2	9.4	5.15	4.0	-0972	9
8.7	7.9	3.65	2.5	52559-0672	6
D	C	B	(A)	MATERIAL NO.	極数 PINS

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:				molex							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL		± °		EC NO: 745355 DRWN: RAJMOK 2023/04/05 CHK'D: HSHIMOYAMA 2023/04/07 APPR: HSHIMOYAMA 2023/04/07				0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE-							
4 PLACES		±						PRODUCT CUSTOMER DRAWING							
3 PLACES		±						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
2 PLACES		±						SD-52559-028		PSD	001	D			
1 PLACE		±						INITIAL REVISION:		DRWN: HSHIMABUKURO 2004/01/07	APPR: MSASAO 2004/01/08				
0 PLACES		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		52559		SEE TABLE		GENERAL MARKET		5 OF 6	

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

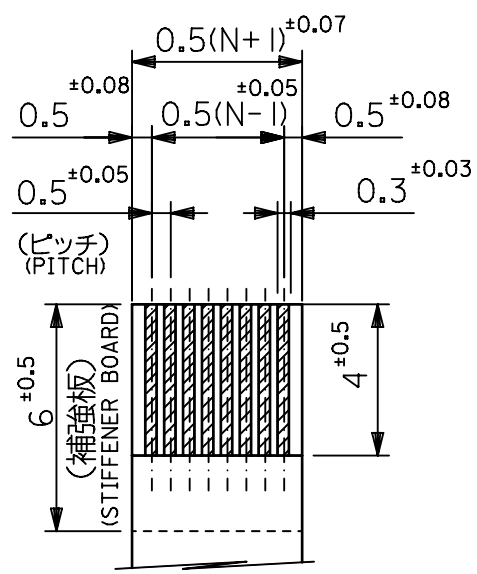


FPCについて:
打抜き方向は導体側から補強板側を推奨致します。
補強フィルム材質はポリイミドを推奨致します。
接着剤は熱硬化接着剤を推奨致します。

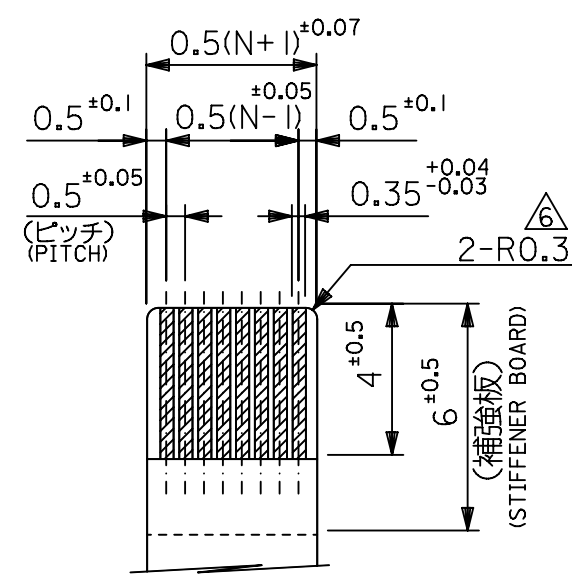
ABOUT FPC :
RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED MATERIAL :
STIFFENER FILM : POLYIMIDE
BONDING AGENT : THERMOSETTING BONDING AGENT

注記 NOTES

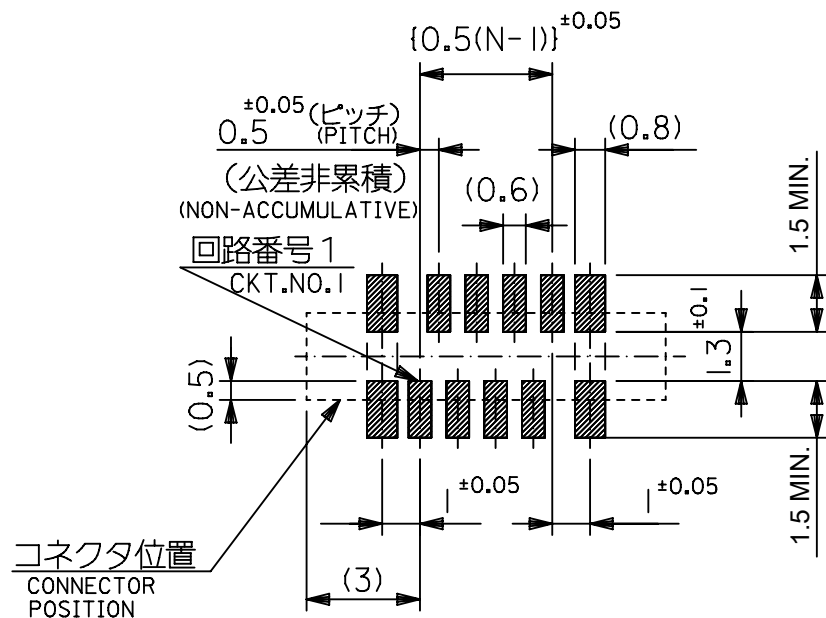
- I. 使用材料 : MATERIAL
ハウジング : 46NYLON UL94V-0
ハウジング HOUSING
アクチュエータ : PPS UL94V-0
アクチュエータ ACTUATOR
ターミナル : リン青銅 (t=0.2)
TERMINAL PHOS-BRO
: 錫ビスマスメッキ 1. 0マイクロメートル以上
: TIN-BISMUTH 1.0 MICROMETER MINIMUM
: ニッケル下地 1. 0マイクロメートル以上
: NICKEL(UNDER PLATING) 1.0 MICROMETER MINIMUM
金具 : リン青銅 (t=0.4)
FITTING NAIL PHOS-BRO
: 錫メッキ 1. 0マイクロメートル以上
: TIN 1.0 MICROMETER MINIMUM
: ニッケル下地 1. 0マイクロメートル以上
: NICKEL(UNDER PLATING) 1.0 MICROMETER MINIMUM
2. エンボステープ梱包時は、アクチュエータがロックした状態とする。
IN THE PACKAGE, ACTUATOR OF PART NO.52559-***19 SHOULD BE LOCKED.
- △ ソルダーテール半田付け面のズレ量、及び金具半田付け面のズレ量は、基準面 G に対し上方向 0.05 MAX. , 下方向 0.15 MAX. とする。
MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM G
UPPER DIRECTION: 0.05 MAX. , LOWER DIRECTION: 0.15 MAX.
- △ 偶数極に適用。
APPLY FOR EVEN CIRCUIT.
- △ パターンはくり止め用金具。
FITTING NAIL FOR PREVENTION OF PEELING OF P.C.B. PATTERN.
- △ R0.3は、FPCの導体部にかからないこと。
R0.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.
7. 本製品は 52559-***17 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52559-***17



適合FFC推奨寸法
APPLICABLE FFC
RECOMMENDED DIMENSION.
(仕上がり厚さ: 0.3^{±0.05})
(THICKNESS: 0.3^{±0.05})



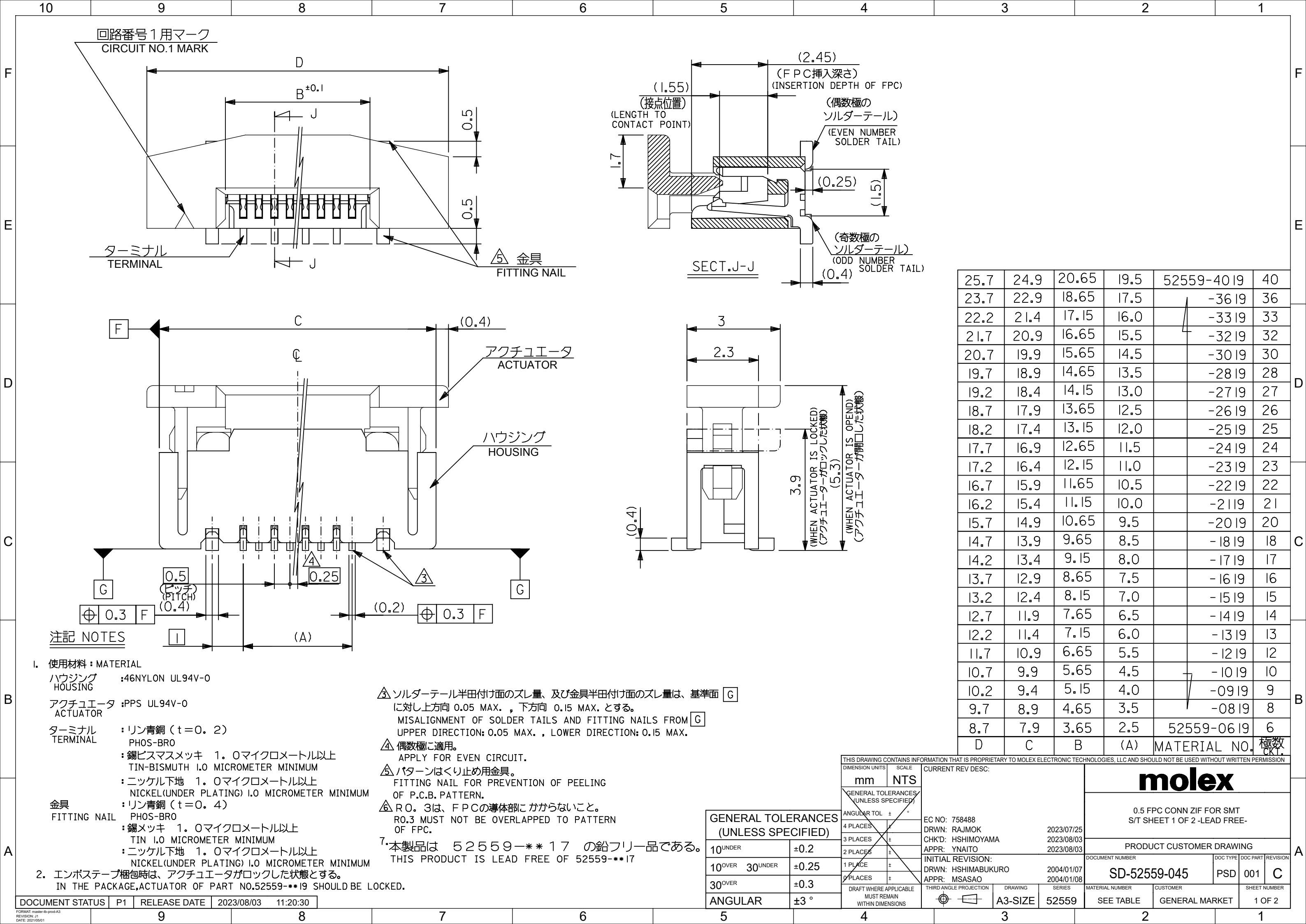
適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION.
(仕上がり厚さ: 0.3^{±0.05})
(THICKNESS: 0.3^{±0.05})

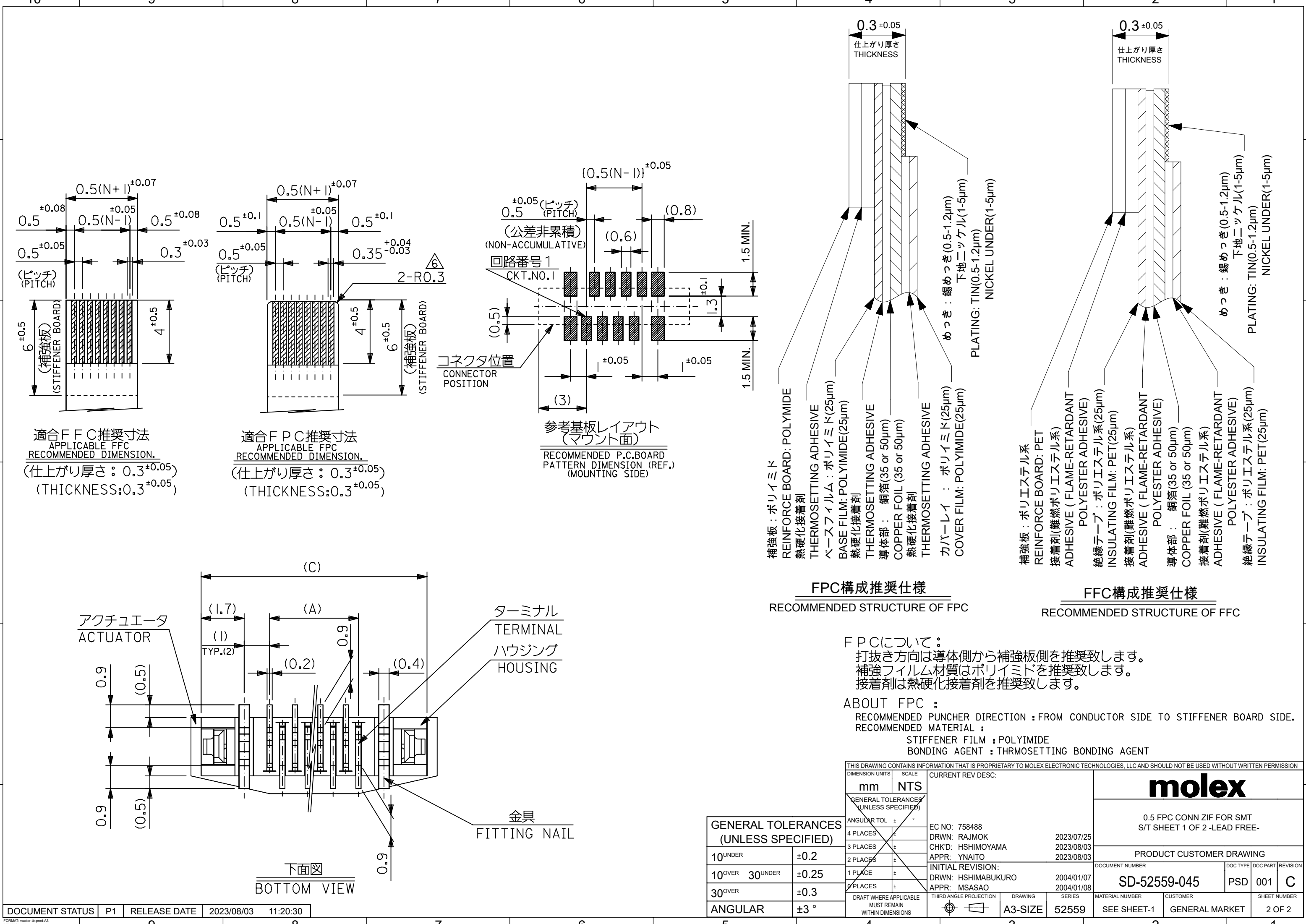


参考基板レイアウト
(マウント面)
RECOMMENDED P.C.BOARD
PATTERN DIMENSION (REF.)
(MOUNTING SIDE)

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		CURRENT REV DESC:		molex							
DIMENSION UNITS	SCALE										
mm	NTS			0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG-LEAD FREE-							
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 745355		PRODUCT CUSTOMER DRAWING							
		DRWN: RAJMOK									
		CHK'D: HSHIMOYAMA		DOCUMENT NUMBER							
		APPR: HSHIMOYAMA									
		INITIAL REVISION:									
4 PLACES ±		DRWN: HSHIMABUKURO		2004/01/07		SD-52559-028					
3 PLACES ±		APPR: MSASAO		2004/01/08		PSD 001 D					
2 PLACES ±		THIRD ANGLE PROJECTION		DRAWING		SERIES					
1 PLACE ±		A3-SIZE		52559		MATERIAL NUMBER					
0 PLACES ±		SEE TABLE		GENERAL MARKET		CUSTOMER					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NUMBER		6 OF 6							





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		CURRENT REV DESC:		molex			
DIMENSION UNITS	SCALE			0.5 FPC CONN ZIF FOR SMT S/T SHEET 1 OF 2 -LEAD FREE-			
mm	NTS			PRODUCT CUSTOMER DRAWING			
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL	± °				
		4 PLACES	±				
		3 PLACES	±				
		2 PLACES	±				
		1 PLACE	±				
		0 PLACES	±				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
				A3-SIZE	52559	SEE SHEET-1	GENERAL MARKET
		EC NO: 758488	2023/07/25				
		DRWN: RAJMOK	2023/08/03				
		CHK'D: HSHIMOYAMA	2023/08/03				
		APPR: YNAITO	2023/08/03				
		INITIAL REVISION:					
		DRWN: HSHIMABUKURO	2004/01/07				
		APPR: MSASAO	2004/01/08				
		DOCUMENT NUMBER		SD-52559-045	DOC TYPE	DOC PART	REVISION
					PSD	001	C
		SHEET NUMBER		2 OF 2			