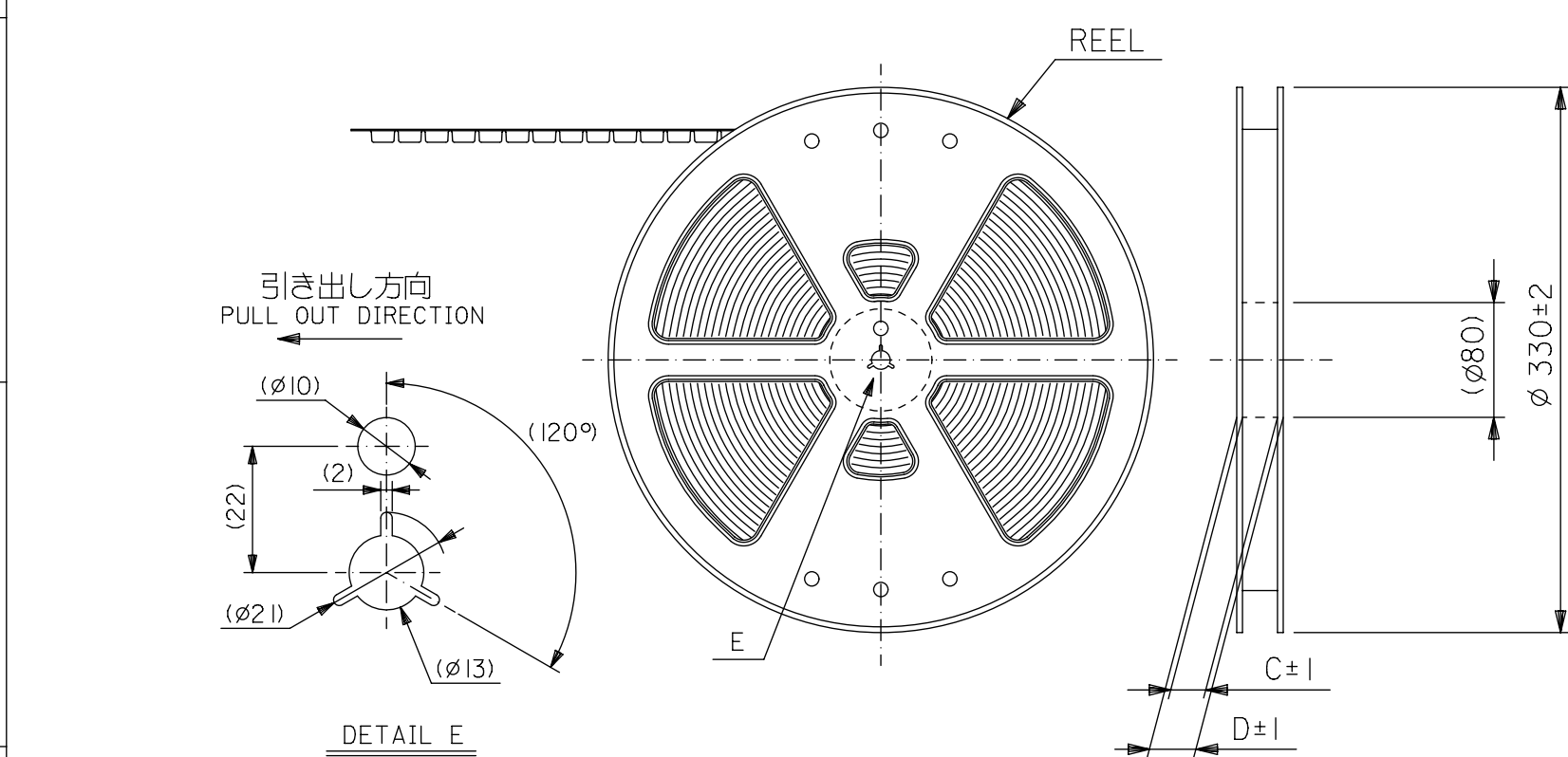




5. 材料 キャリアテープ：ポリプロピレン（PP）
 トップテープ：PET，PE，PEF
 リール：ポリスチレン（PS）＜リサイクル材を含む＞

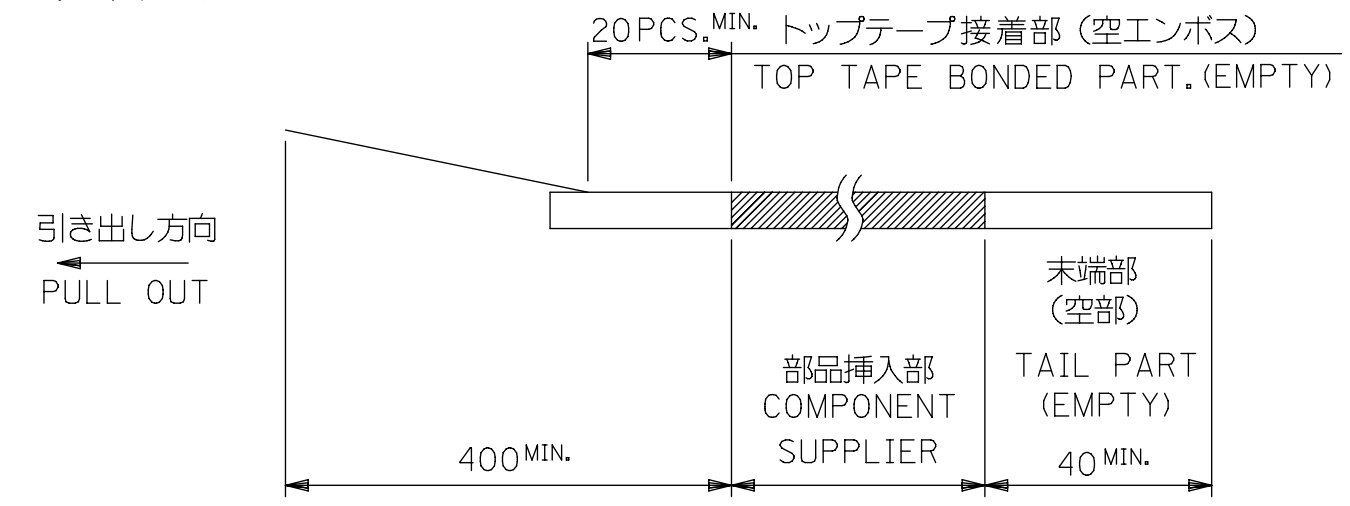
MATERIAL CARRIER TAPE:POLYPROPYLENE
 TOP TAPE:PET,PE,PEF
 REEL:POLYSTYREN(PS)
 <RECYCLE MATERIAL CONTAINED>

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.

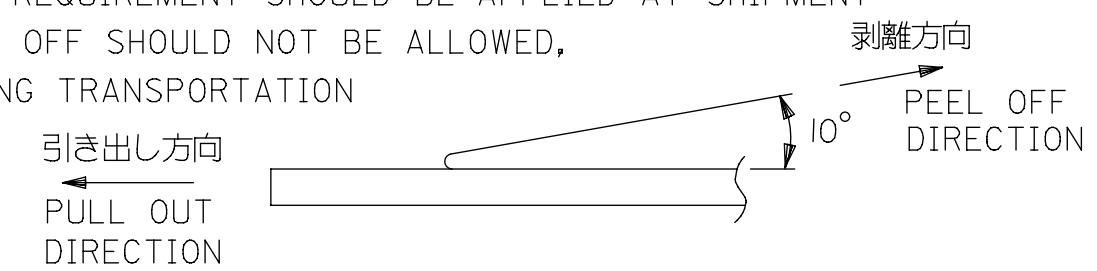
注記 NOTES

- 1. 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
- 2. 梱包数量：1000個／リール
NUMBER OF CONNECTORS:1000PCS/REEL
- 3. リードテープ長さ LEAD TAPE LENGTH



- 4. 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 DRWN: RAJMOK CHK'D: HSHIMOYAMA APPR: HSHIMOYAMA INITIAL REVISION: DRWN: HSHIMABUKURO APPR: MSASAO		0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE-				
				PRODUCT CUSTOMER DRAWING				
				DOCUMENT NUMBER SD-52559-028		DOC TYPE PSD	DOC PART 001	REVISION D
				MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 6
				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE	SERIES 52559	

F

F

E

E

D

D

C

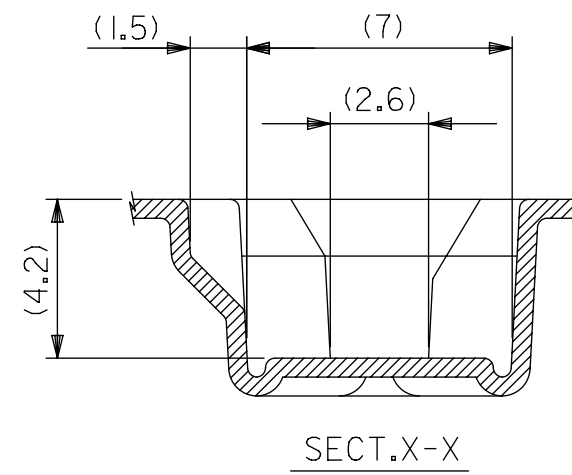
C

B

B

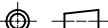
A

A

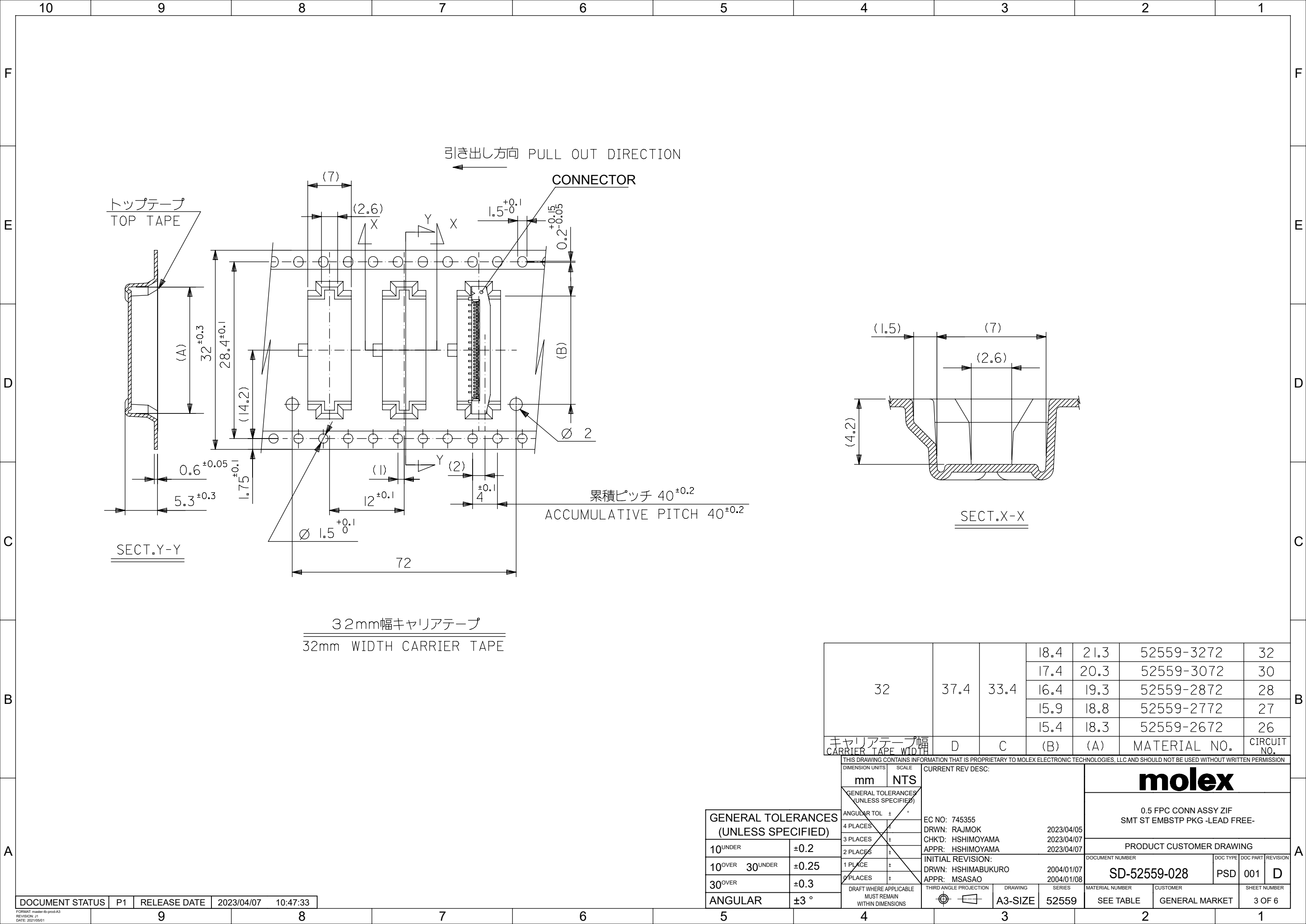


24	29.4	25.4	14.4	17.3	52559-2472	24
			13.9	16.8	52559-2372	23
			12.9	15.8	52559-2172	21
			12.4	15.3	52559-2072	20
			10.9	13.8	52559-1772	17
			10.4	13.3	52559-1672	16
			9.9	12.8	52559-1572	15
			9.4	12.3	52559-1472	14
			8.4	11.3	52559-1272	12
			7.4	10.3	52559-1072	10
			6.9	9.8	52559-0972	9
			5.4	8.3	52559-0672	6
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	CIRCUIT NO.

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

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/07	10:47:33
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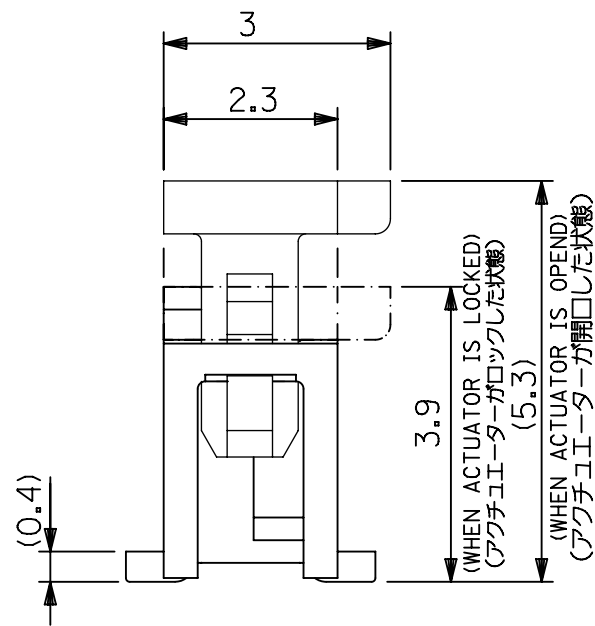
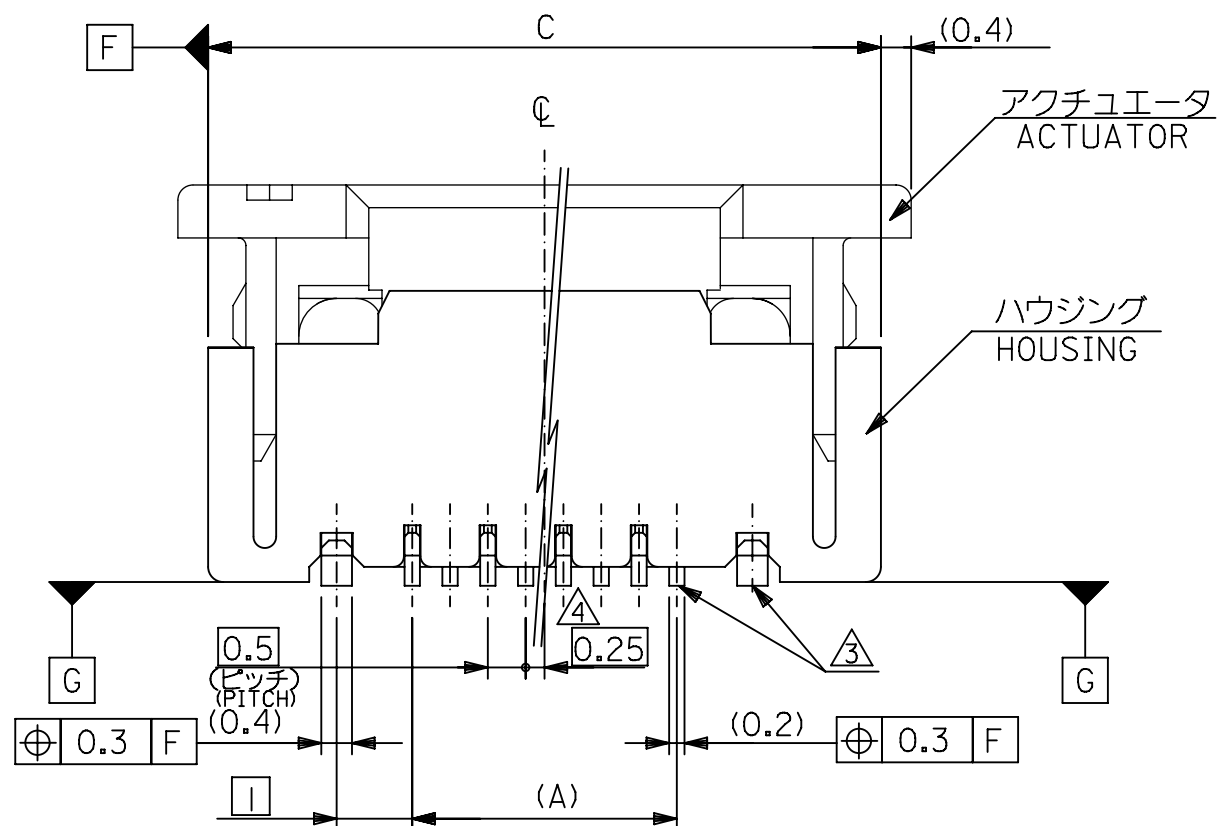
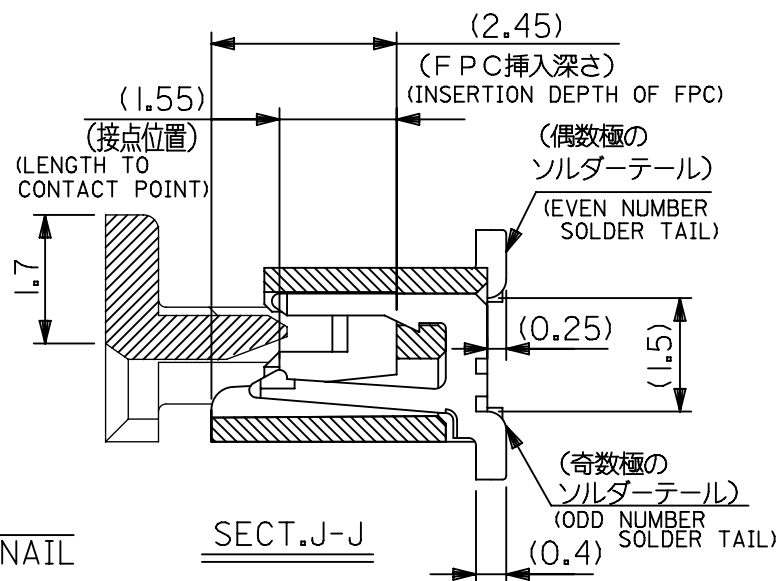
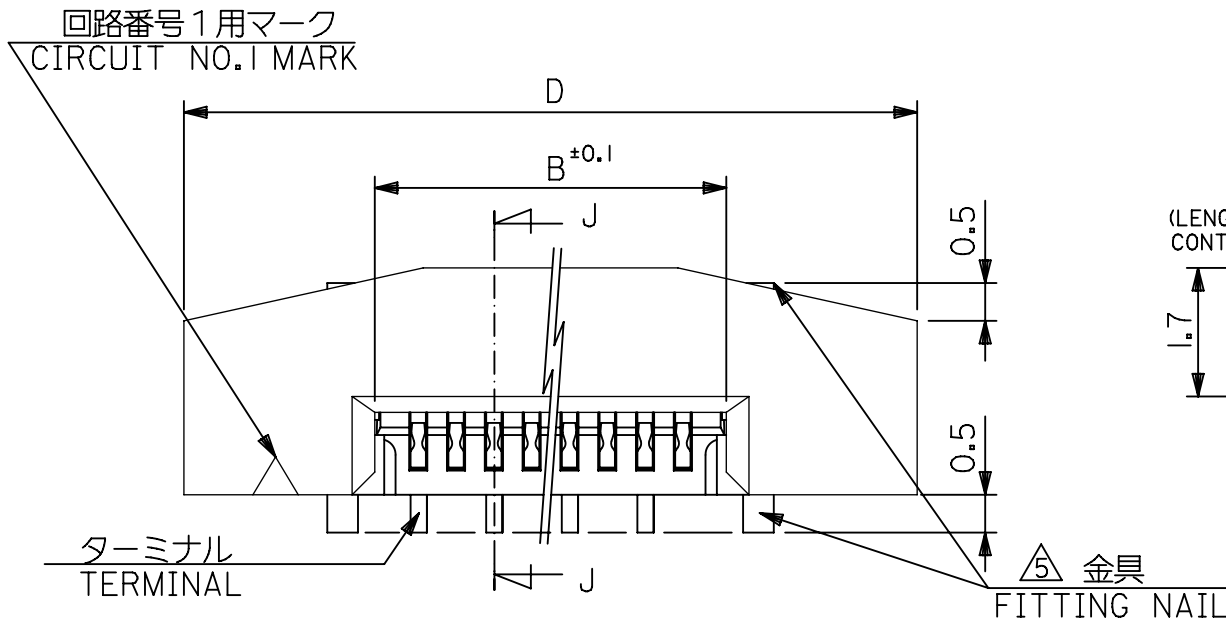


32	37.4	33.4	18.4	21.3	52559-3272	32
			17.4	20.3	52559-3072	30
			16.4	19.3	52559-2872	28
			15.9	18.8	52559-2772	27
			15.4	18.3	52559-2672	26
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	CIRCUIT NO.

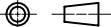
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 745355 DRWN: RAJMOK CHK'D: HSHIMOYAMA APPR: HSHIMOYAMA		0.5 FPC CONN ASSY ZIF SMT ST 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		SEE TABLE		
		DRAWING		GENERAL MARKET		
		SERIES		3 OF 6		
		A3-SIZE				
		52559				

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

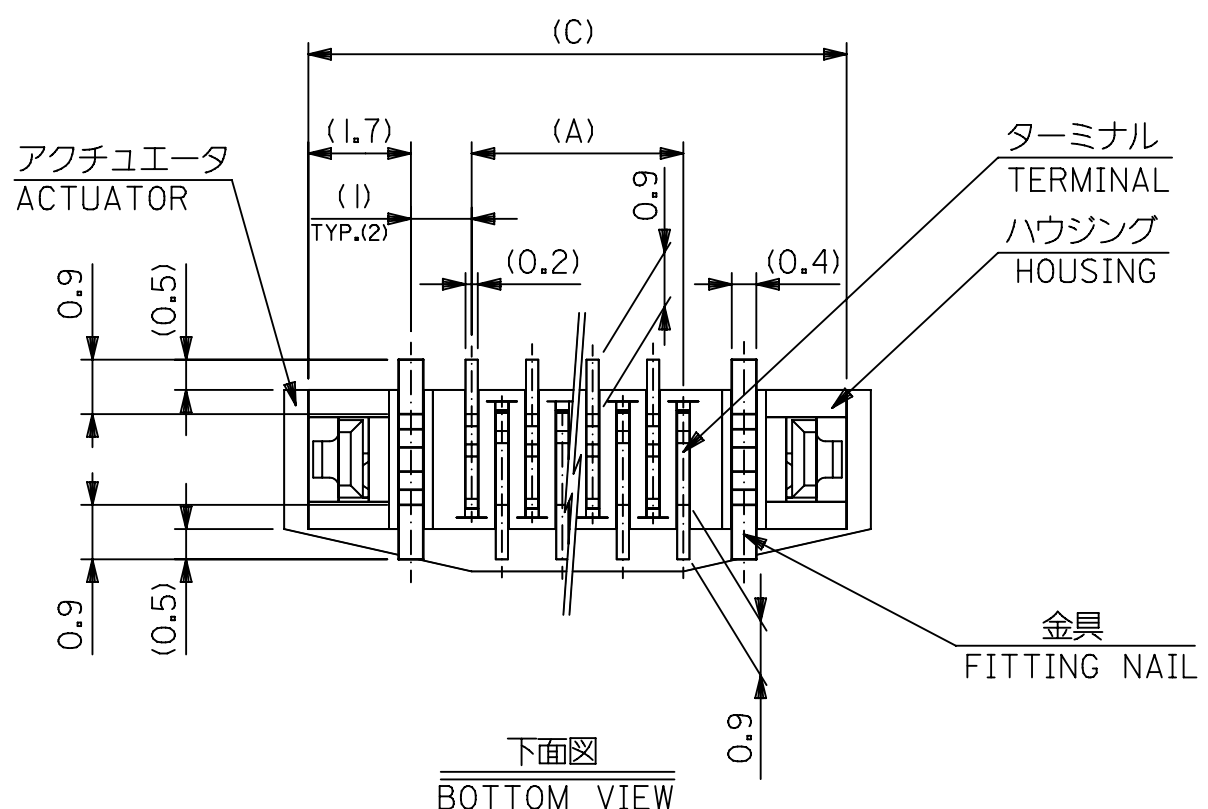


25.7	24.9	20.65	19.5	52559-4072	40
23.7	22.9	18.65	17.5	-3672	36
21.7	20.9	16.65	15.5	-3272	32
20.7	19.9	15.65	14.5	-3072	30
19.7	18.9	14.65	13.5	-2872	28
19.2	18.4	14.15	13.0	-2772	27
18.7	17.9	13.65	12.5	-2672	26
17.7	16.9	12.65	11.5	-2472	24
17.2	16.4	12.15	11.0	-2372	23
16.2	15.4	11.15	10.0	-2172	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

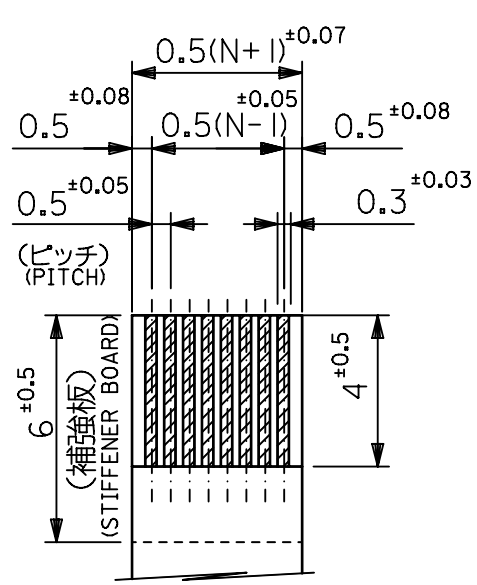
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										T 1	
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex 0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE- PRODUCT CUSTOMER DRAWING			
mm		NTS									
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				DOCUMENT NUMBER SD-52559-028 DOC TYPE PSD DOC PART 001 REVISION D			
4 PLACES		±									
3 PLACES		±									
2 PLACES		±									
1 PLACE		±									
0 PLACES		±		INITIAL REVISION: DRWN: HSHIMABUKURO 2004/01/07 APPR: MSASAO 2004/01/08				SHEET NUMBER 5 OF 6			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
THIRD ANGLE PROJECTION 											

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

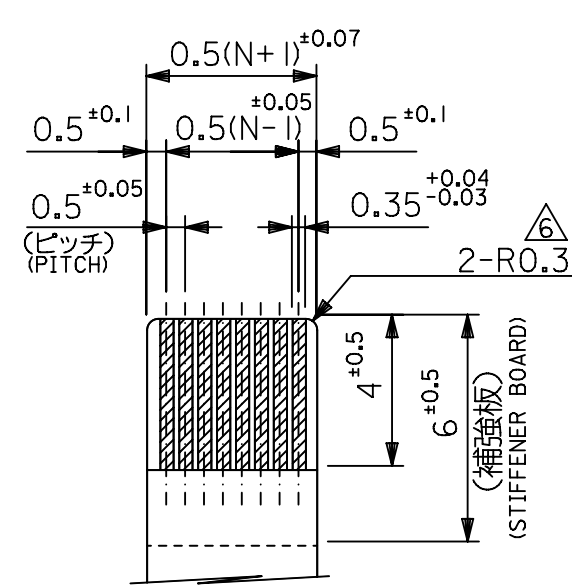
DOCUMENT STATUS	P1	RELEASE DATE	2023/04/07	10:47:33
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下面図
BOTTOM VIEW



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



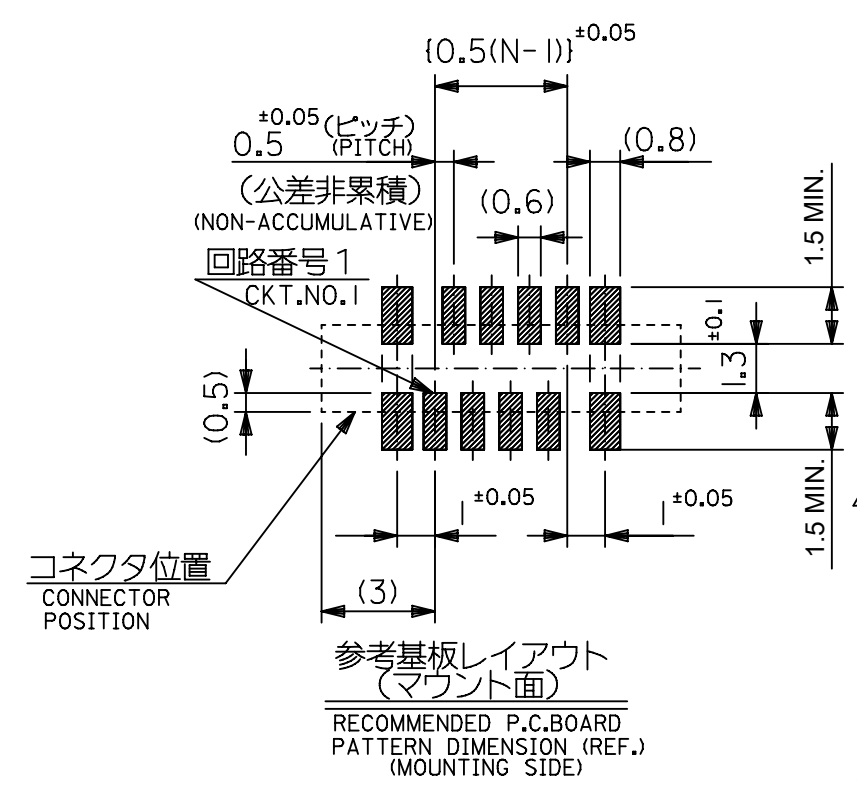
適合F P C推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION.
(仕上がり厚さ: 0.3^{±0.05})
(THICKNESS: 0.3^{±0.05})

F P C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

1. 使用材料 : MATERIAL
ハウジング : 46NYLON UL94V-0
HOUSING
アクチュエータ : PPS UL94V-0
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.
- △ ソルダータ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

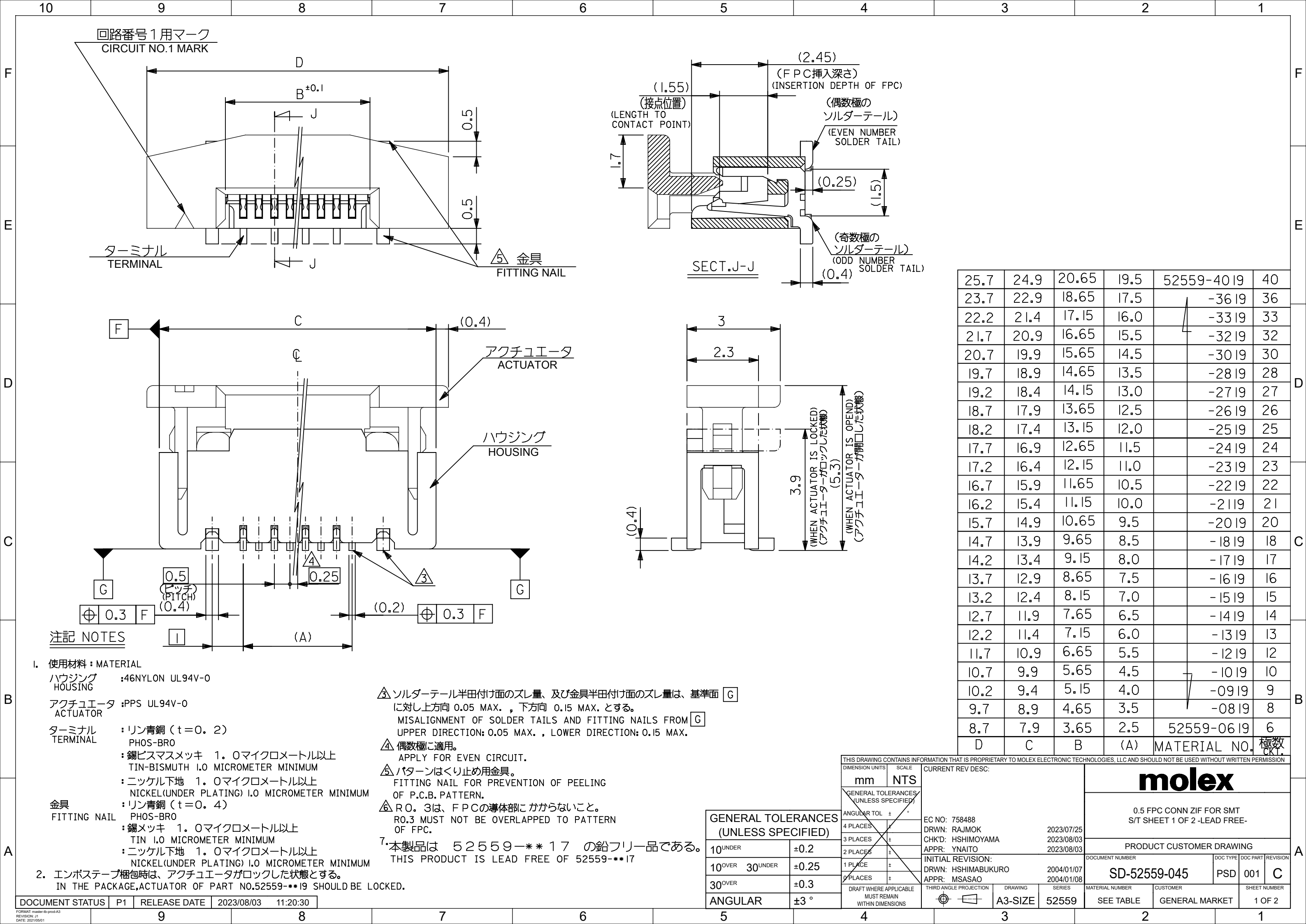


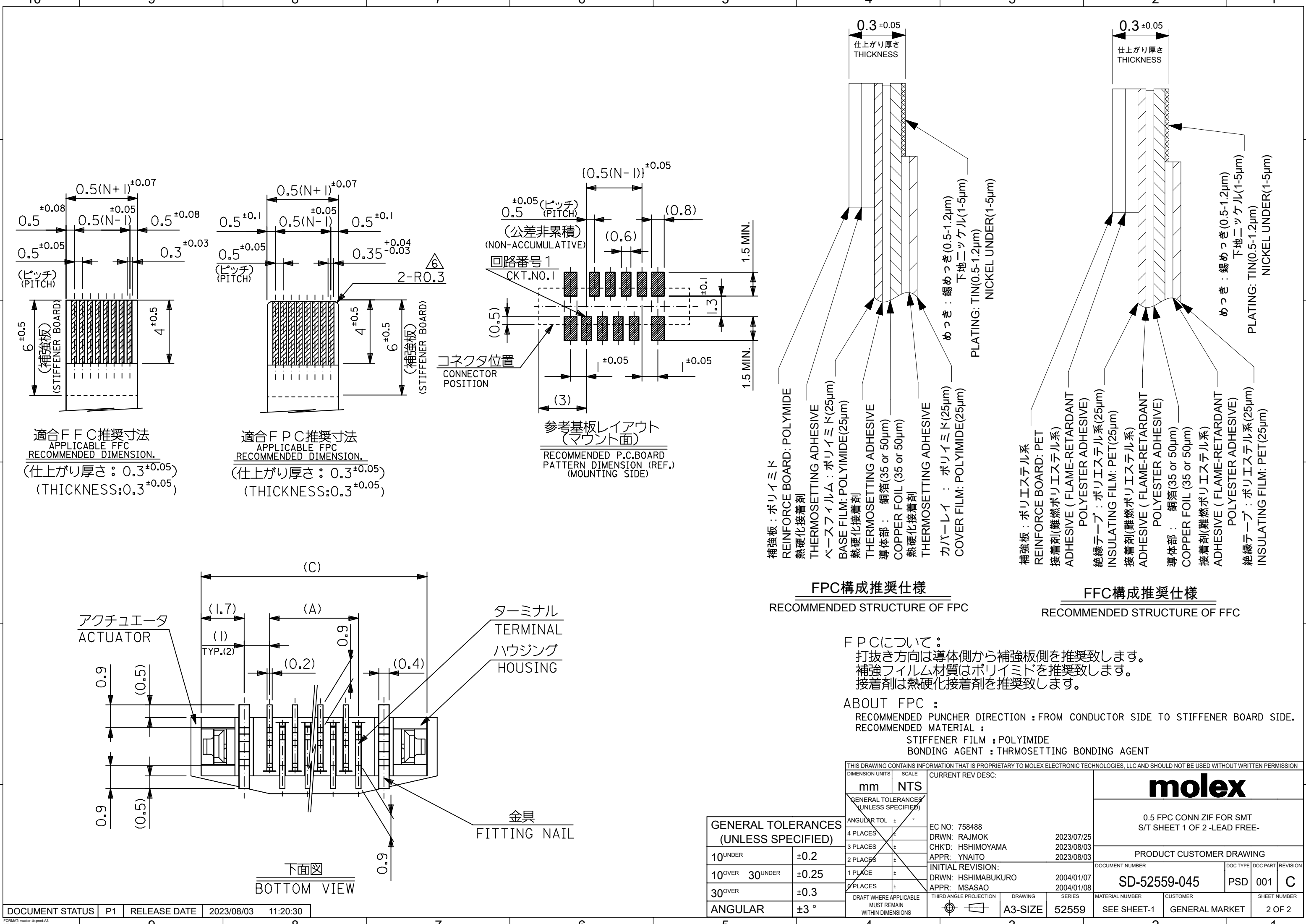
GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 ^{UNDER}	±0.2
10 ^{OVER} 30 ^{UNDER}	±0.25
30 ^{OVER}	±0.3
ANGULAR	±3 °

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 ASSY ZIF SMT ST EMBSTP PKG - 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	SHEET NUMBER
		⊕	A3-SIZE	52559	SEE TABLE	GENERAL MARKET	6 OF 6

EC NO: 745355	
DRWN: RAJMOK	2023/04/05
CHK'D: HSHIMOYAMA	2023/04/07
APPR: HSHIMOYAMA	2023/04/07
INITIAL REVISION:	
DRWN: HSHIMABUKURO	2004/01/07
APPR: MSASAO	2004/01/08

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-52559-028	PSD	001	D





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	SHEET NUMBER
			A3-SIZE	52559	SEE SHEET-1	GENERAL MARKET	2 OF 2

EC NO: 758488
DRWN: RAJMOK
CHK'D: HSHIMOYAMA
APPR: YNAITO

INITIAL REVISION:
DRWN: HSHIMABUKURO
APPR: MSASAO

2023/07/25
2023/08/03
2023/08/03
2004/01/07
2004/01/08

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 : THRMOSSETTING BONDING AGENT

FPC構成推奨仕様
RECOMMENDED STRUCTURE OF FPC

FFC構成推奨仕様
RECOMMENDED STRUCTURE OF FFC