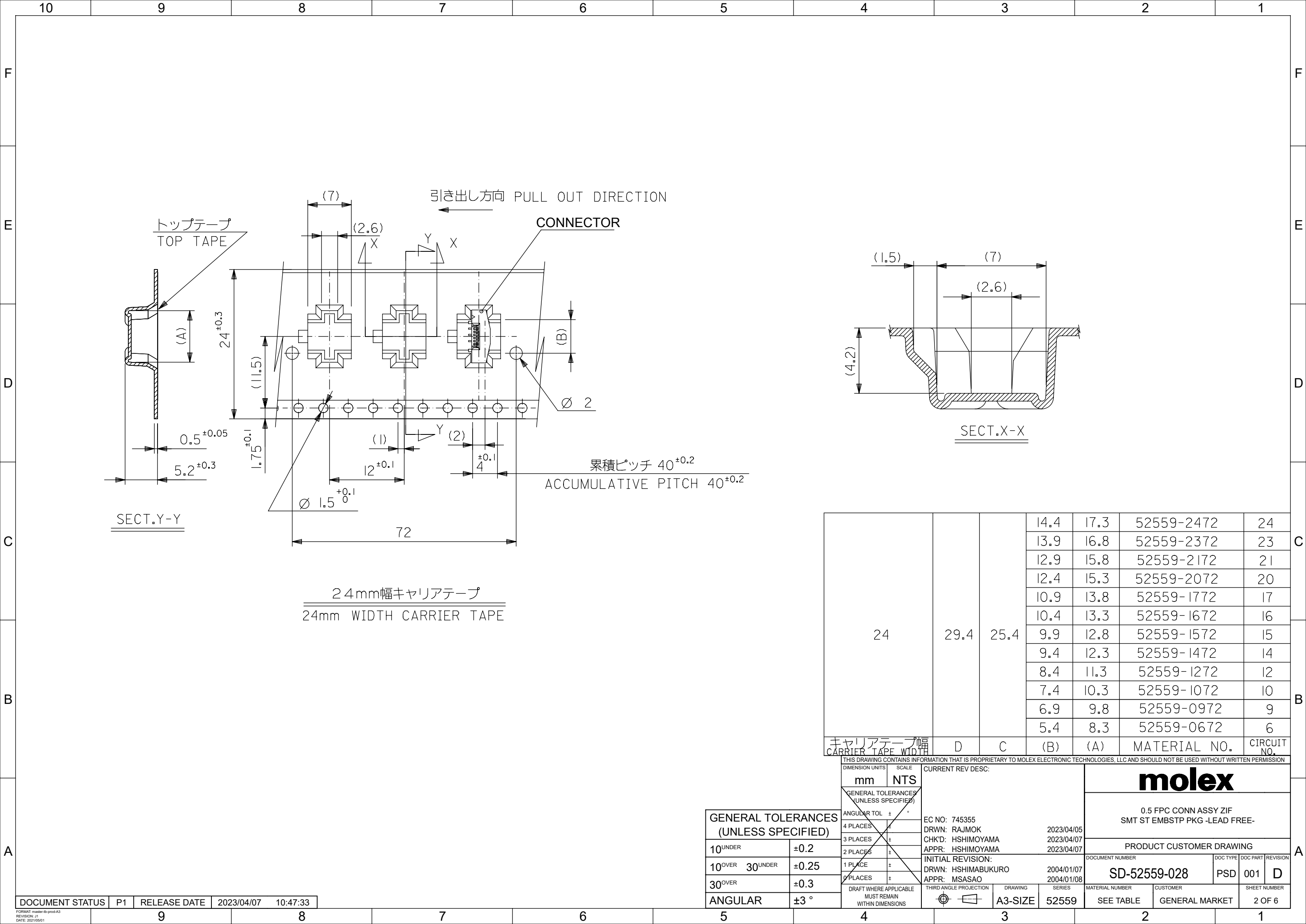
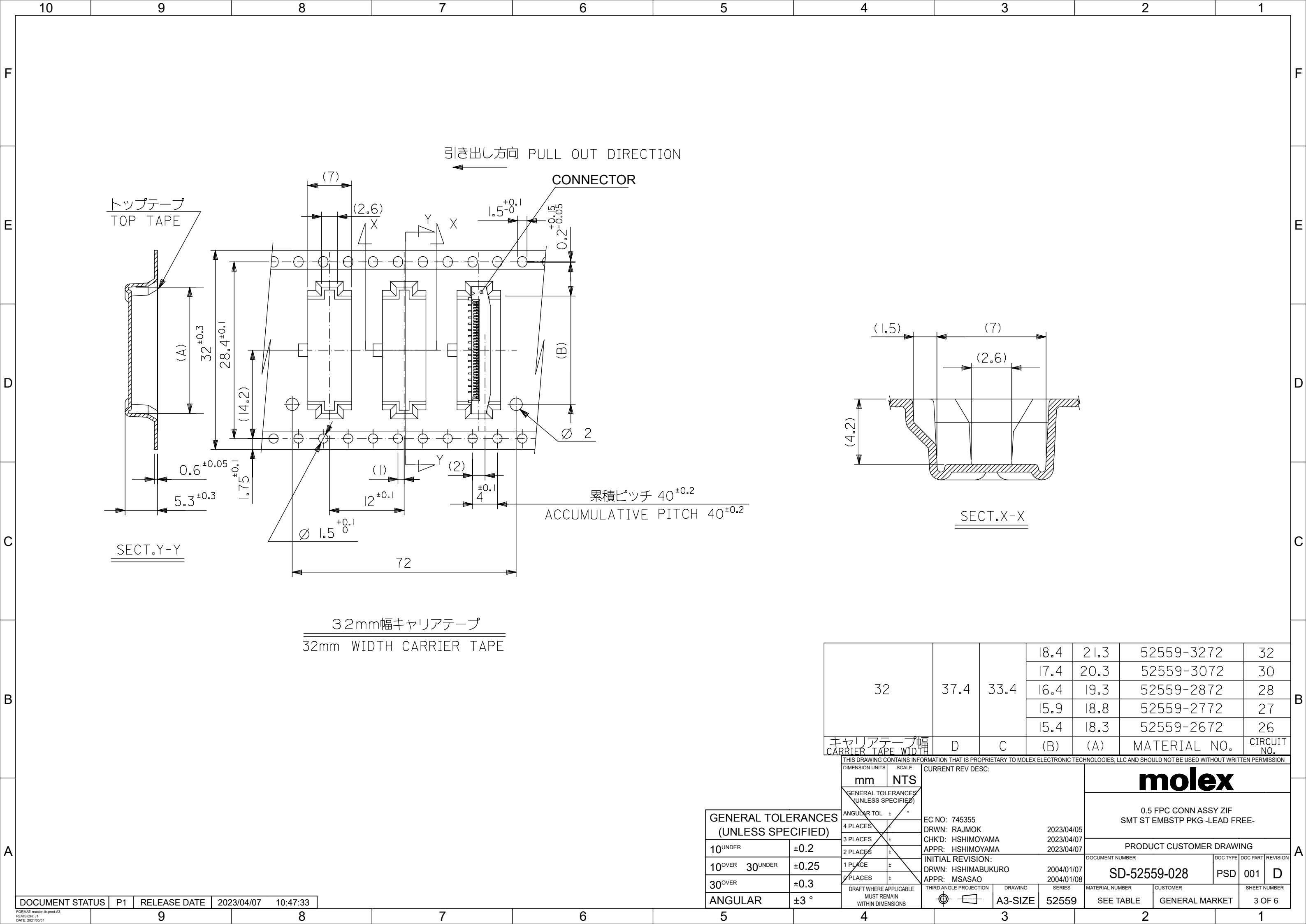


- FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2024/05/24

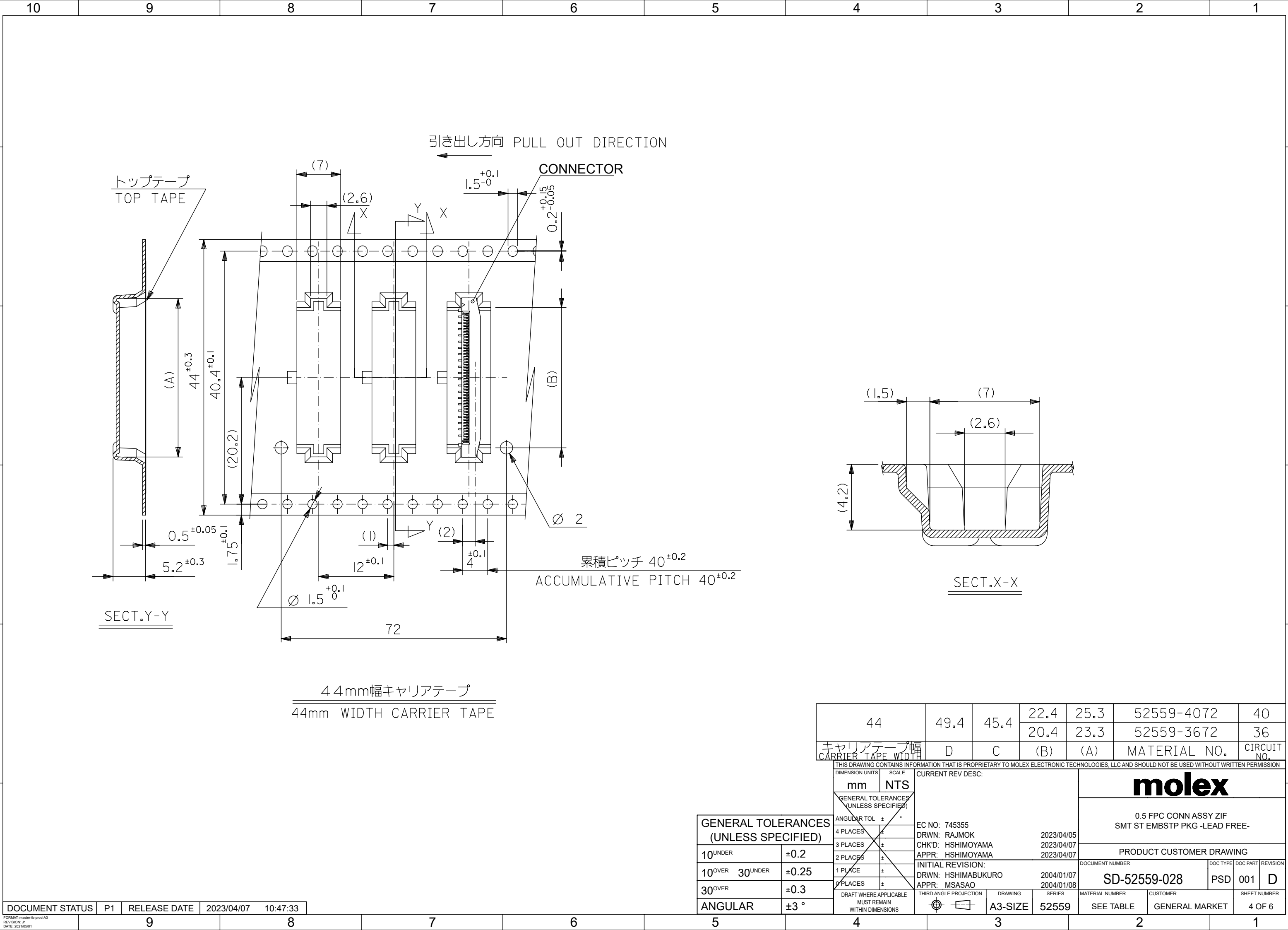




32	37.4	33.4	18.4	21.3	52559-3272	32
			17.4	20.3	52559-3072	30
			16.4	19.3	52559-2872	28
			15.9	18.8	52559-2772	27
			15.4	18.3	52559-2672	26
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	CIRCUIT NO.

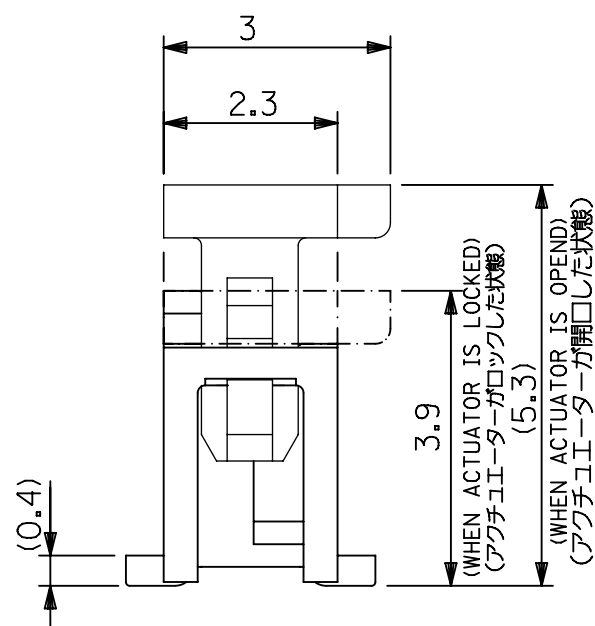
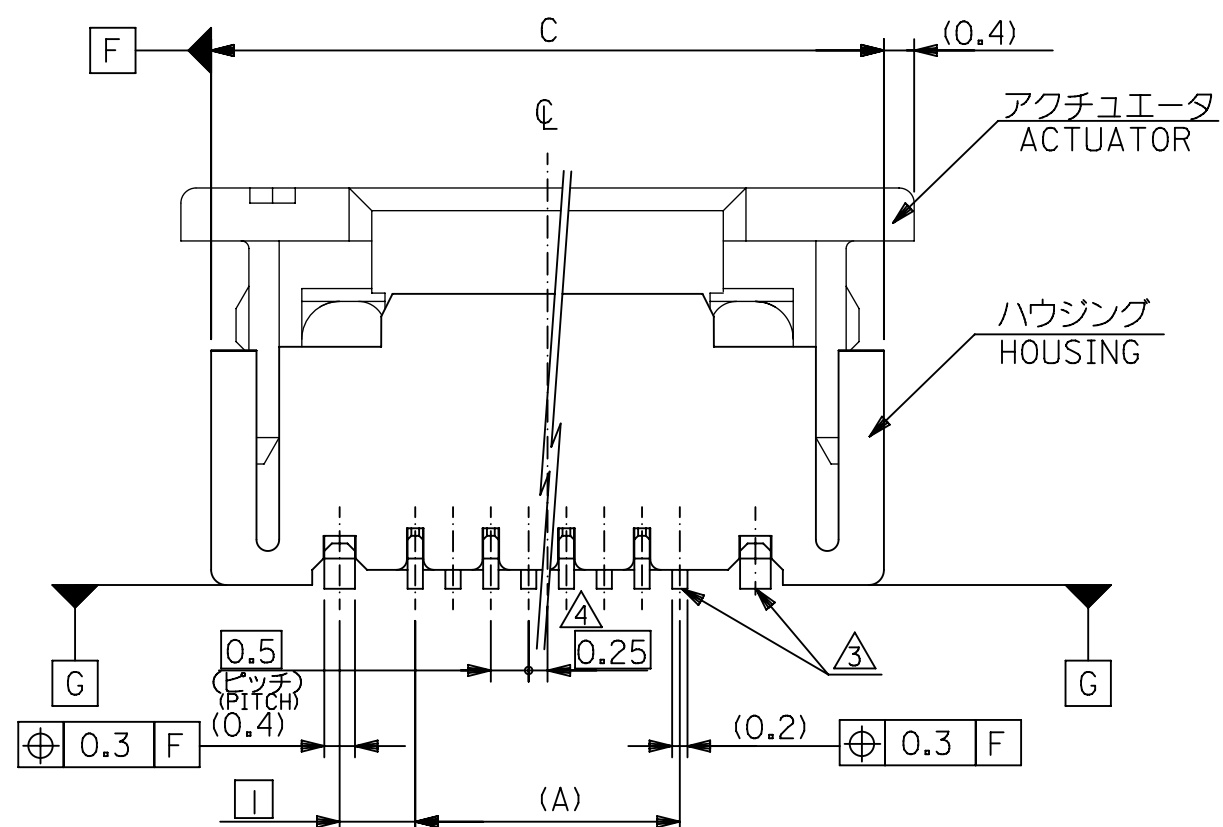
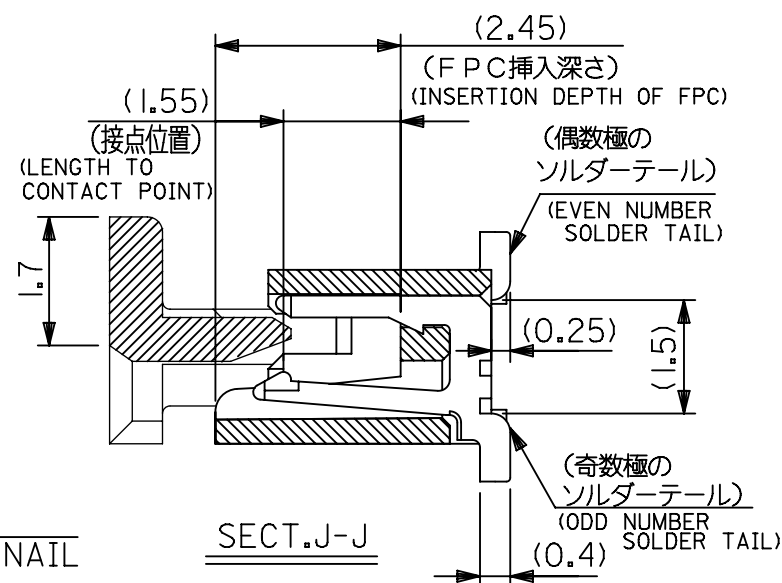
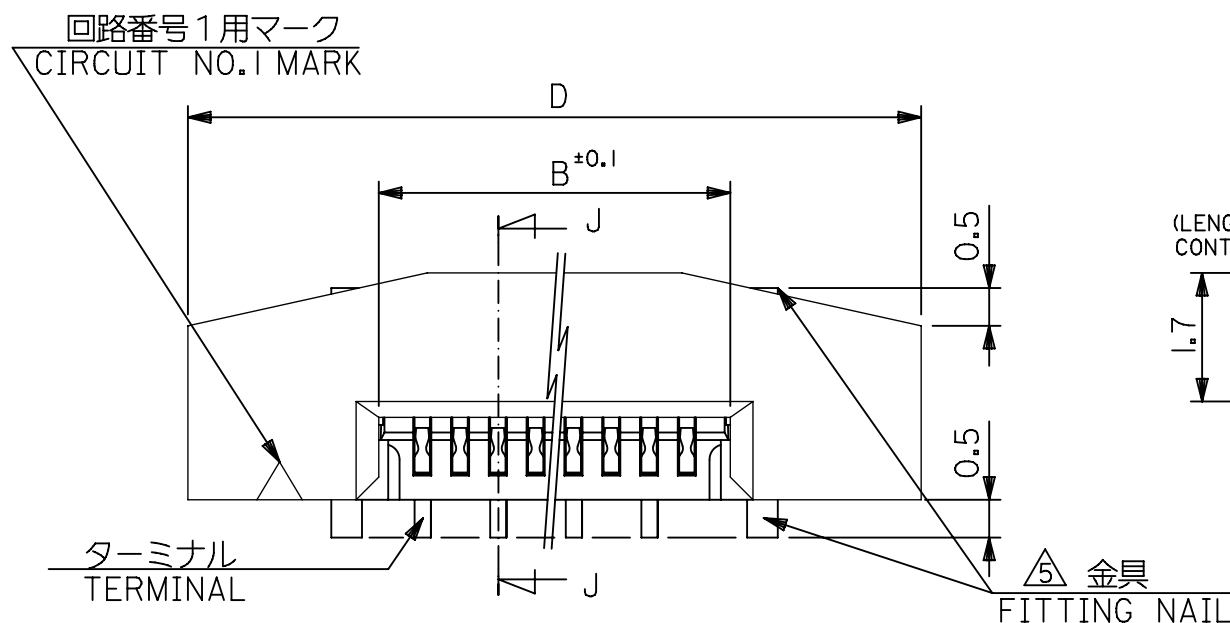
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 745355 DRWN: RAJMOK CHK'D: HSHIMOYAMA APPR: HSHIMOYAMA		0.5 FPC CONN ASSY ZIF SMT ST 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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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							
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		± °					
4 PLACES		±					
3 PLACES		±		EC NO: 745355		2023/04/05	
2 PLACES		±		DRWN: RAJMOK		2023/04/07	
1 PLACE		±		CHK'D: HSHIMOYAMA		2023/04/07	
0 PLACES		±		APPR: HSHIMOYAMA		2023/04/07	
				INITIAL REVISION:		DOCUMENT NUMBER	
				DRWN: HSHIMABUKURO		2004/01/07	
				APPR: MSASAO		2004/01/08	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
				A3-SIZE	52559	SEE TABLE	GENERAL MARKET
						SHEET NUMBER	
						4 OF 6	

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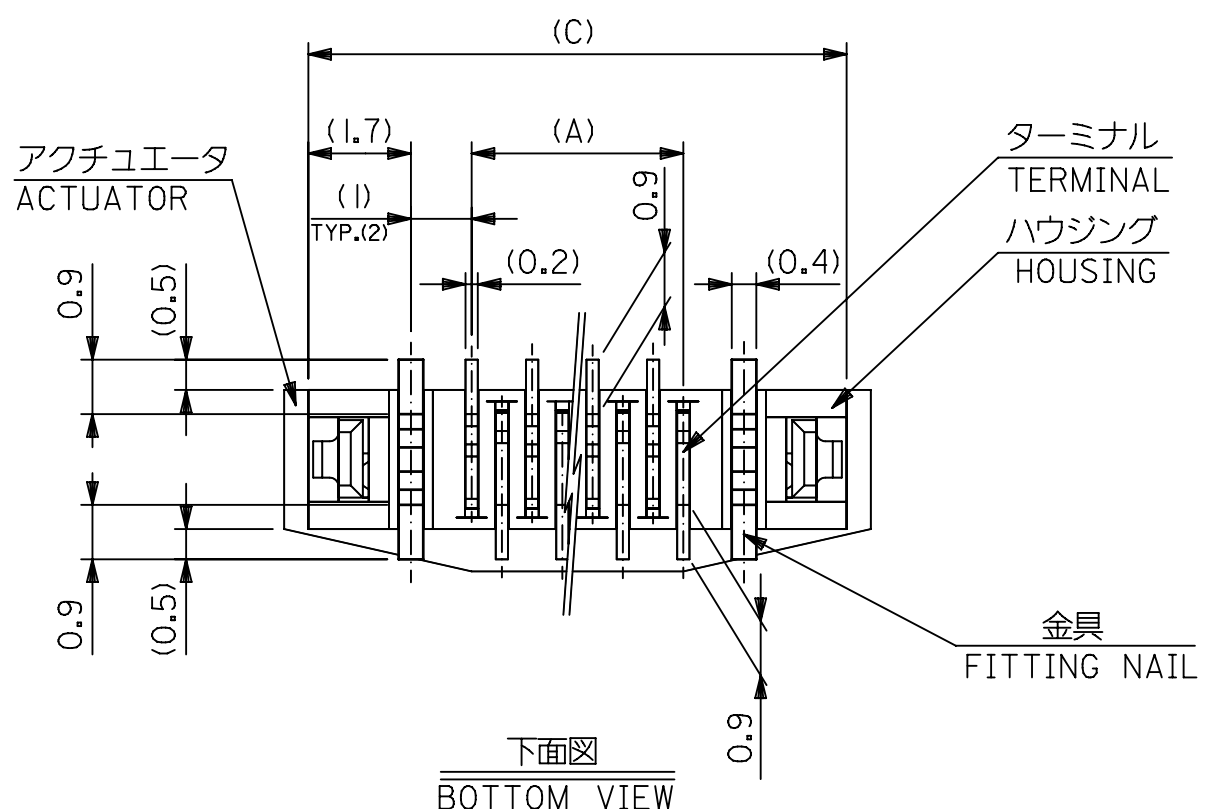


25.7	24.9	20.65	19.5	52559-4072	40
23.7	22.9	18.65	17.5	-3672	36
21.7	20.9	16.65	15.5	-3272	32
20.7	19.9	15.65	14.5	-3072	30
19.7	18.9	14.65	13.5	-2872	28
19.2	18.4	14.15	13.0	-2772	27
18.7	17.9	13.65	12.5	-2672	26
17.7	16.9	12.65	11.5	-2472	24
17.2	16.4	12.15	11.0	-2372	23
16.2	15.4	11.15	10.0	-2172	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										CUT							
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		±						INITIAL REVISION:				SD-52559-028		PSD		001	
1 PLACE		±		DRWN: HSHIMABUKURO 2004/01/07													
0 PLACES		±		APPR: MSASAO 2004/01/08													
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 °

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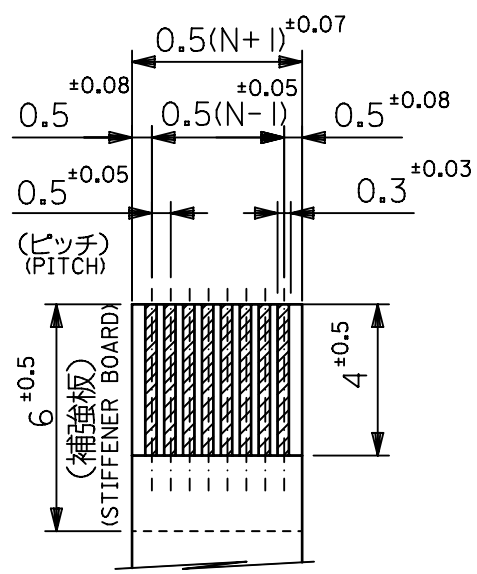


FPCについて:
打抜き方向は導体側から補強板側を推奨致します。
補強フィルム材質はポリイミドを推奨致します。
接着剤は熱硬化接着剤を推奨致します。

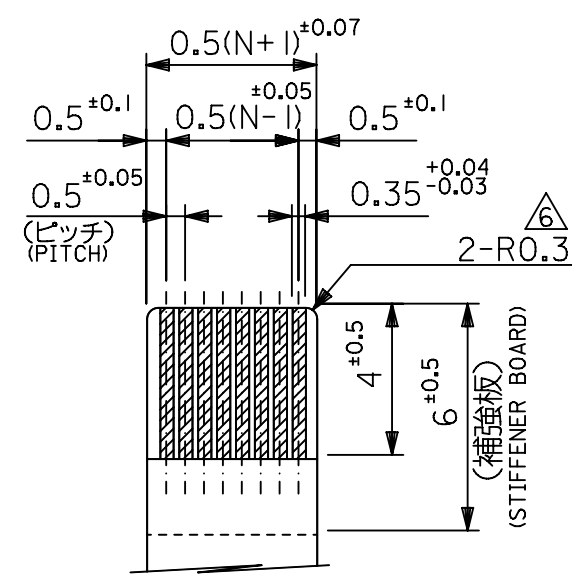
ABOUT FPC :
RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED MATERIAL :
STIFFENER FILM : POLYIMIDE
BONDING AGENT : THERMOSETTING BONDING AGENT

注記 NOTES

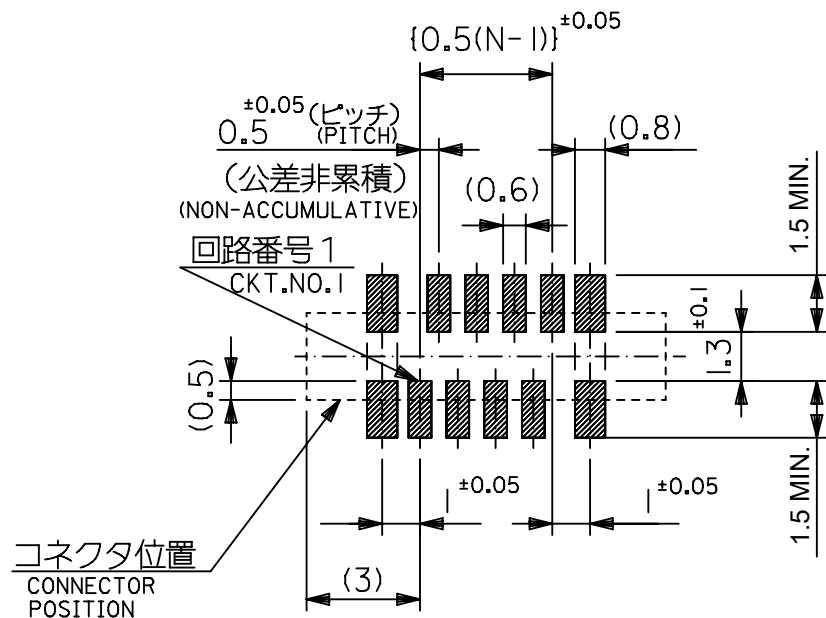
1. 使用材料 : MATERIAL
ハウジング : 46NYLON UL94V-0
ハウジング
HOUSING
アクチュエータ : PPS UL94V-0
アクチュエータ
ACTUATOR
ターミナル : リン青銅 (t=0.2)
TERMINAL PHOS-BRO
: 錫ビスマスメッキ 1. 0マイクロメートル以上
: TIN-BISMUTH 1.0 MICROMETER MINIMUM
: ニッケル下地 1. 0マイクロメートル以上
: NICKEL(UNDER PLATING) 1.0 MICROMETER MINIMUM
金具 : リン青銅 (t=0.4)
FITTING NAIL PHOS-BRO
: 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



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)

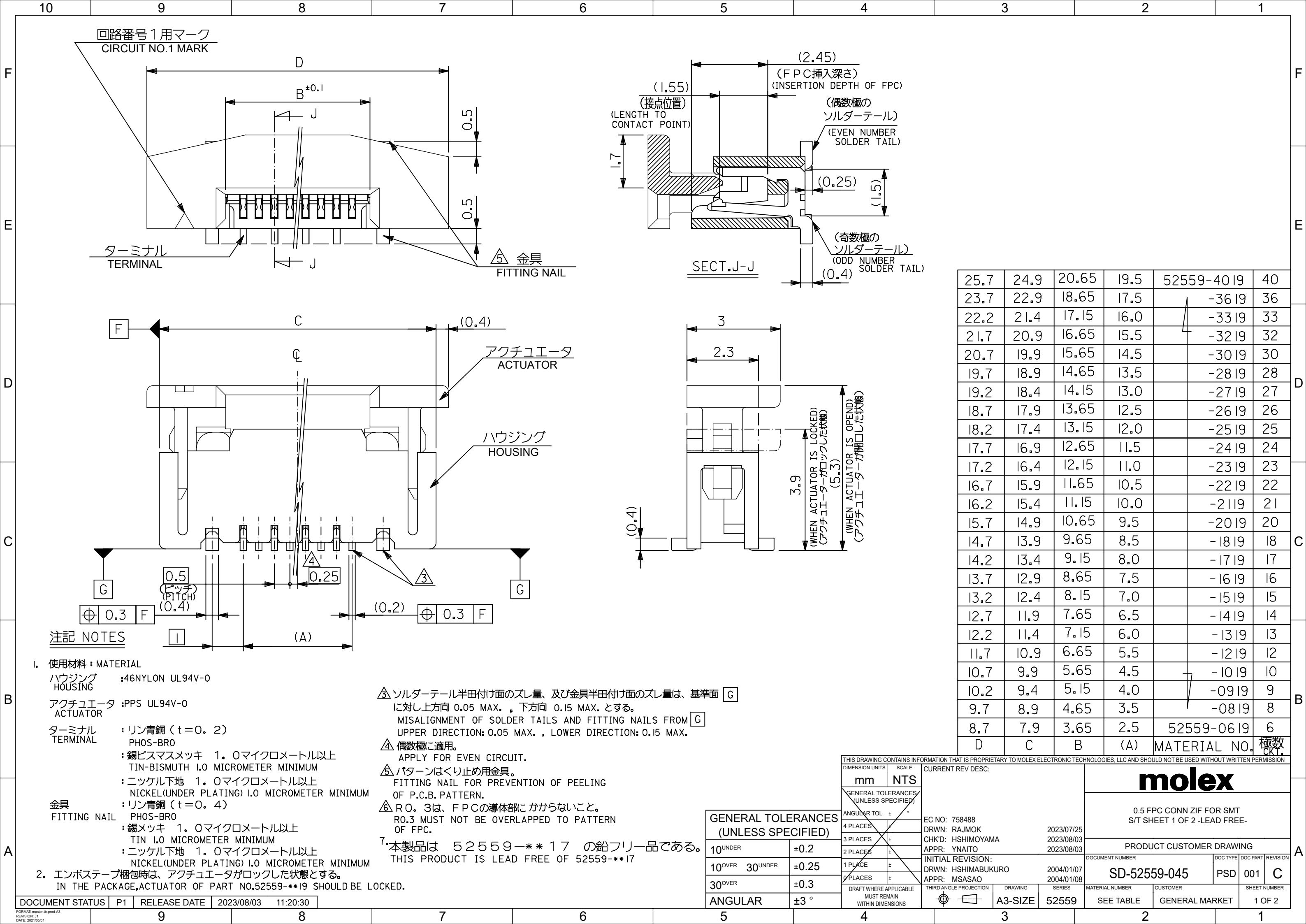


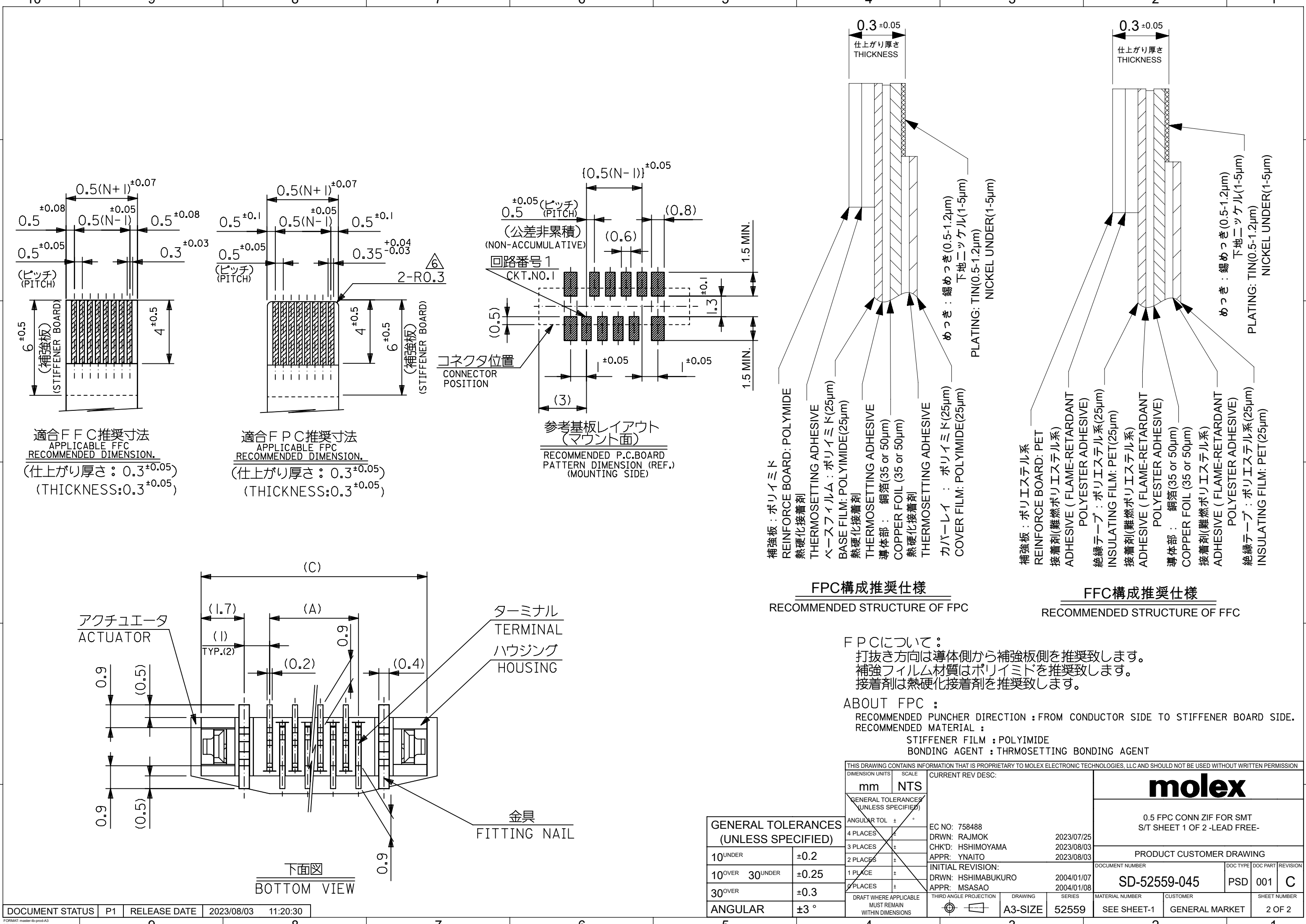
コネクタ位置
CONNECTOR
POSITION

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						
		APPR: HSHIMOYAMA						
		INITIAL REVISION:						
4 PLACES ±		DRWN: HSHIMABUKURO		DOCUMENT NUMBER	SD-52559-028	DOC TYPE		
3 PLACES ±		APPR: MSASAO		2004/01/07				
2 PLACES ±		THIRD ANGLE PROJECTION		DRAWING	GENERAL MARKET	SHEET NUMBER		
1 PLACE ±		SERIES		52559				
0 PLACES ±		MATERIAL NUMBER		CUSTOMER				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3-SIZE		SEE TABLE				





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		DOC TYPE	DOC PART	REVISION	
		SD-52559-045		PSD	001	C	
		SHEET NUMBER					
		2 OF 2					