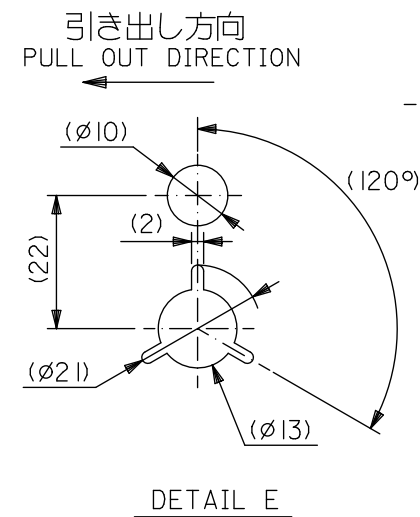




MATERIAL CARRIER TAPE:POLYPROPYLENE
TOP TAPE:PET,PE,PEF
REEL:POLYSTYREN(PS)
<RECYCLE MATERIAL CONTAINED>

6. 本製品は 52559-**90の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF

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.

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

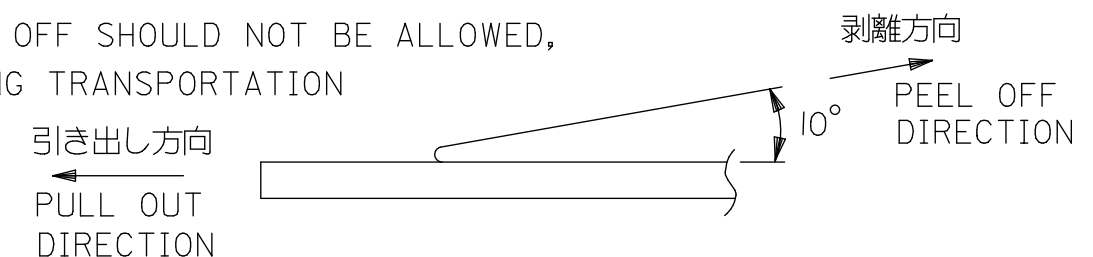


4. トップテープの剥離強度：（剥離方向は下図参照）
0. 1N～1. 3N {10gf～130gf}尚、本規格値は、出荷時に適用。
（但し、輸送時に剥離が発生しない事。）

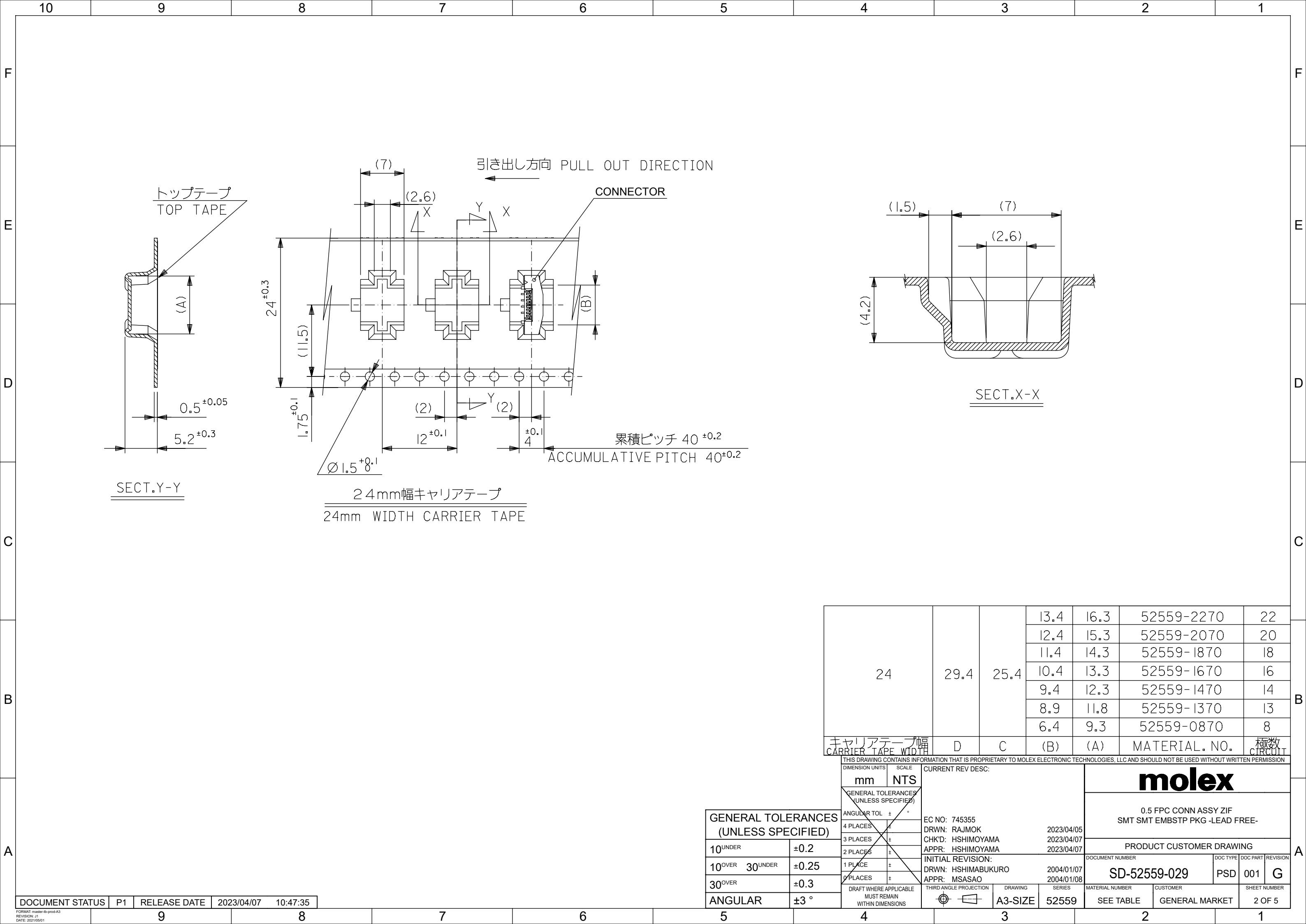
PEELING OFF FORCE OF TOP TAPE
0.1~1.3N(10gf ~130gf){PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT
PEEL OFF SHOULD NOT BE ALLOWED,
DURING TRANSPORTATION



剥離方向
PEEL OFF

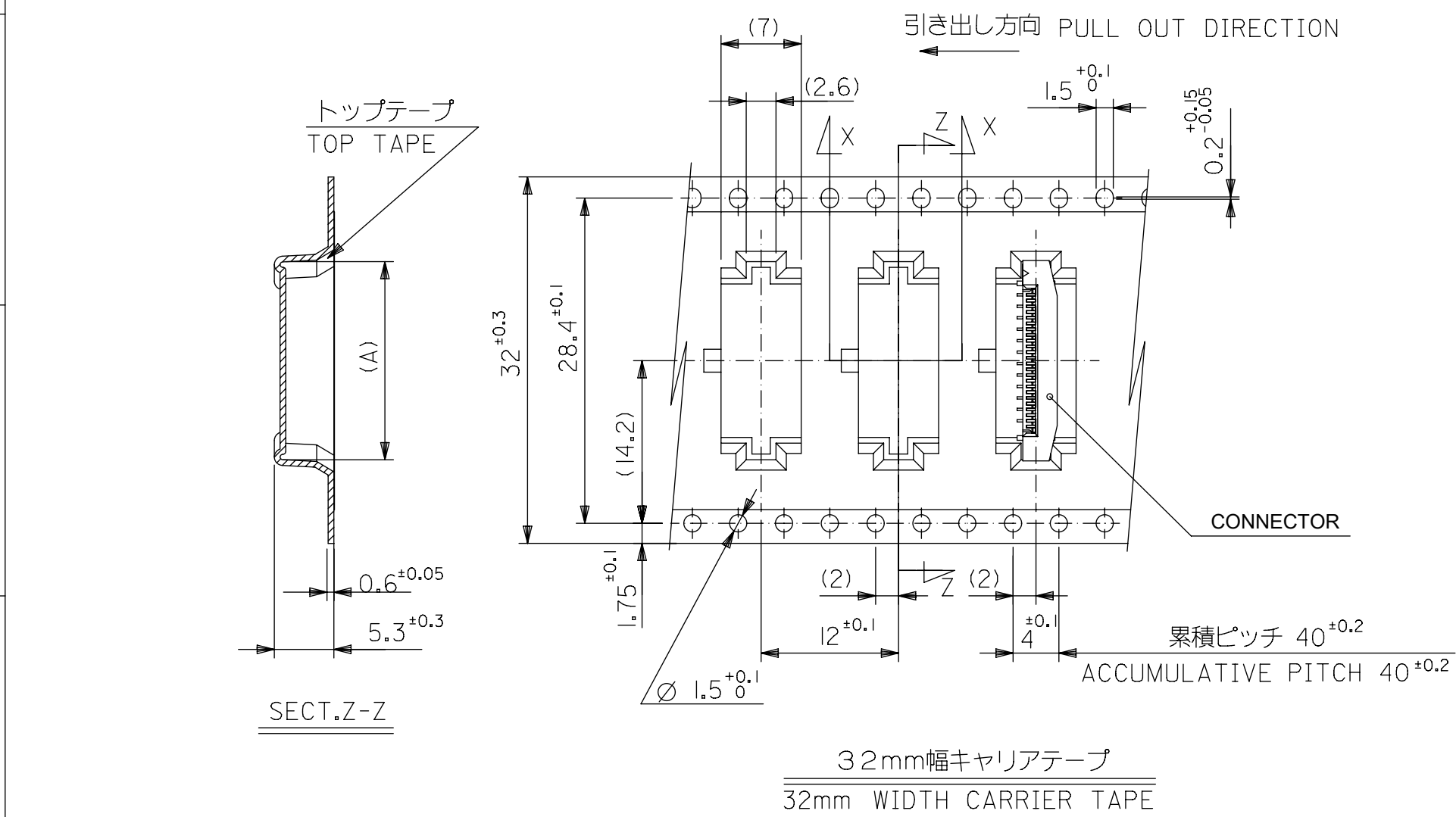


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
DIMENSION UNITS mm		SCALE NTS	CURRENT REV DESC:		
GENERAL TOLERANCES (UNLESS SPECIFIED)					
ANGULAR TOL ± °					
4 PLACES ±					
3 PLACES ±			EC NO: 745355		
2 PLACES ±			DRWN: RAJMKO 2023/04/05		
1 PLACE ±			CHK'D: HSHIMOYAMA 2023/04/07		
0 PLACES ±			APPR: HSHIMOYAMA 2023/04/07		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			INITIAL REVISION: DRWN: HSHIMABUKURO 2004/01/07 APPR: MSASAO 2004/01/08		
THIRD ANGLE PROJECTION			DRAWING	SERIES	
			A3-SIZE	52559	
GENERAL TOLERANCES (UNLESS SPECIFIED)					
10 ^{UNDER}		±0.2			
10 ^{OVER} 30 ^{UNDER}		±0.25			
30 ^{OVER}		±0.3			
ANGULAR		±3 °			
molex					
0.5 FPC CONN ASSY ZIF SMT SMT EMBSTP PKG -LEAD FREE-					
PRODUCT CUSTOMER DRAWING					
DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
SD-52559-029			PSD	001	G
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
SEE TABLE		GENERAL MARKET		1 OF 5	



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 CHK'D: HSHIMOYAMA APPR: HSHIMOYAMA 2023/04/05 2023/04/07 2023/04/07 PRODUCT CUSTOMER DRAWING			0.5 FPC CONN ASSY ZIF SMT SMT EMBSTP PKG -LEAD FREE-				
ANGULAR TOL		± °									
4 PLACES		±									
3 PLACES		±									
2 PLACES		±									
1 PLACE		±									
0 PLACES		±		INITIAL REVISION: DRWN: HSHIMABUKURO APPR: MSASAO 2004/01/07 2004/01/08			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							SD-52559-029		PSD	001	G
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		52559		SEE TABLE		GENERAL MARKET	
										2 OF 5	



32	37.4	33.4	18.9	21.8	52559-3370	33
			16.4	19.3	52559-2870	28
			14.9	17.8	52559-2570	25
			14.4	17.3	52559-2470	24
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL. NO.	極数 CIRCUIT

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
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 745355
DRWN: RAJMOK
CHK'D: HSHIMOYAMA
APPR: HSHIMOYAMA

INITIAL REVISION:
DRWN: HSHIMABUKURO
APPR: MSASAO

THIRD ANGLE PROJECTION

DRAWING
A3-SIZE

SERIES
52559

0.5 FPC CONN ASSY ZIF
SMT SMT EMBSTP PKG -LEAD FREE-

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
SD-52559-029

DOC TYPE
PSD

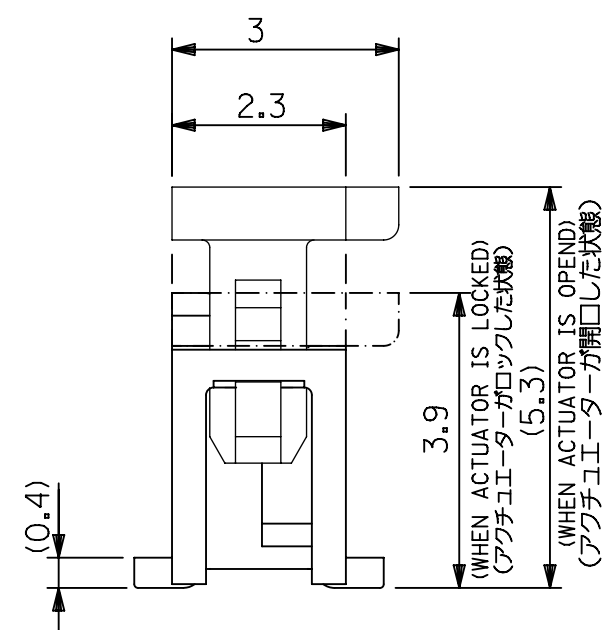
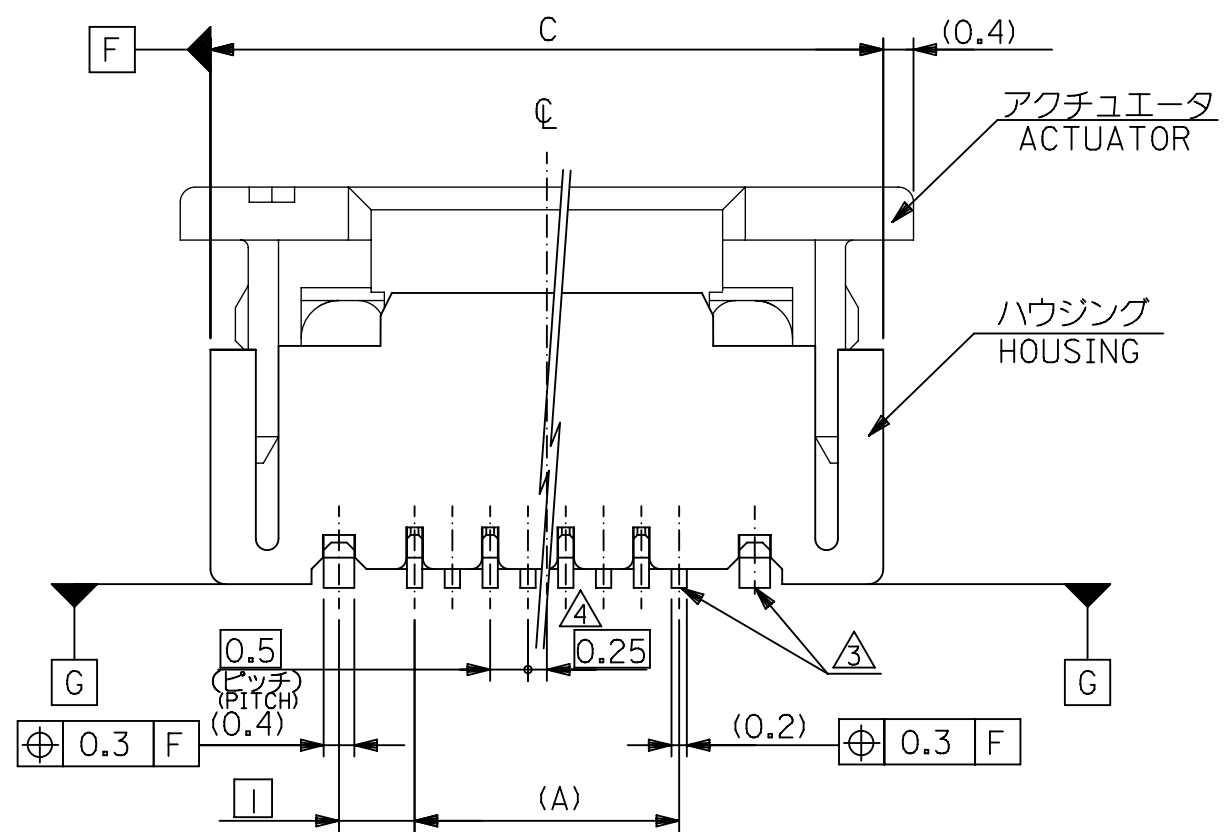
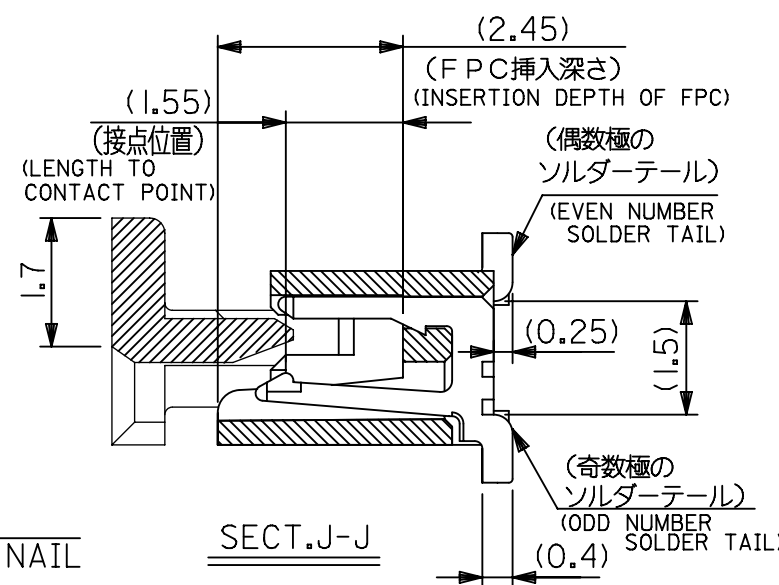
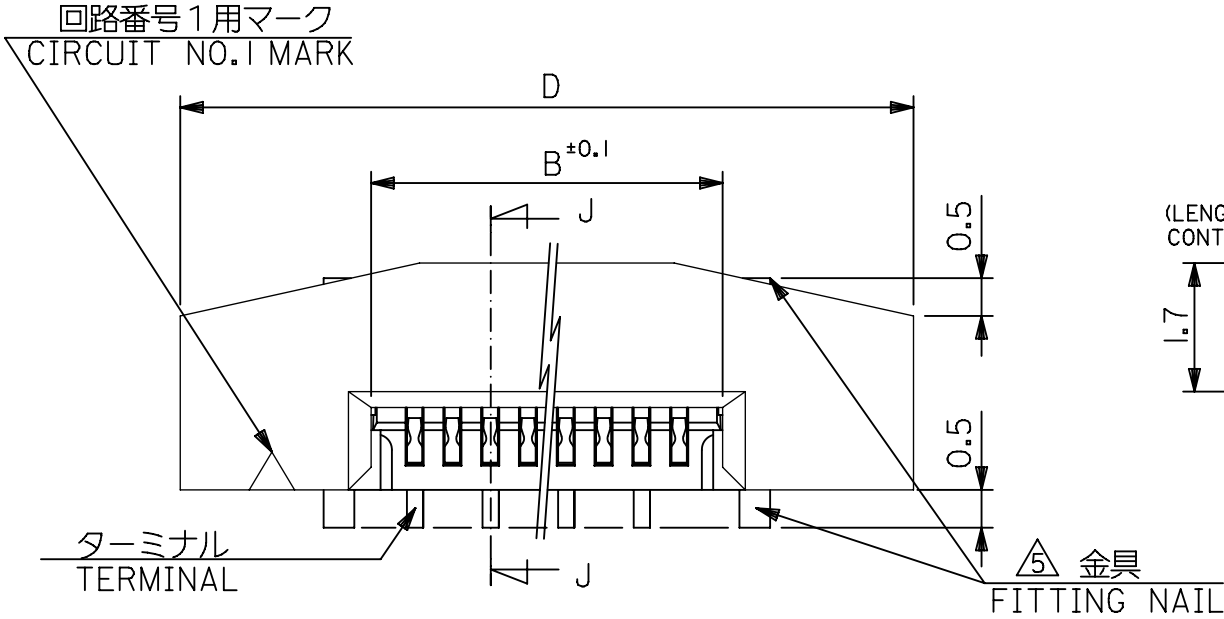
DOC PART
001

REVISION
G

MATERIAL NUMBER
SEE TABLE

CUSTOMER
GENERAL MARKET

SHEET NUMBER
3 OF 5



22.2	21.4	17.15	16.0	52559-3370	33
19.7	18.9	14.65	13.5	-2870	28
18.2	17.4	13.15	12.0	-2570	25
17.7	16.9	12.65	11.5	-2470	24
16.7	15.9	11.65	10.5	-2270	22
15.7	14.9	10.65	9.5	-2070	20
14.7	13.9	9.65	8.5	-1870	18
13.7	12.9	8.65	7.5	-1670	16
12.7	11.9	7.65	6.5	-1470	14
12.2	11.4	7.15	6.0	-1370	13
9.7	8.9	4.65	3.5	52559-0870	8
D	C	B	(A)	MATERIAL NO.	極数 PINS

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
mm	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 745355
DRWN: RAJMOK
CHK'D: HSHIMOYAMA
APPR: HSHIMOYAMA

INITIAL REVISION:
DRWN: HSHIMABUKURO
APPR: MSASAO

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

molex

0.5 FPC CONN ASSY ZIF
SMT SMT EMBSTP PKG -LEAD FREE-

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

SD-52559-029

PSD

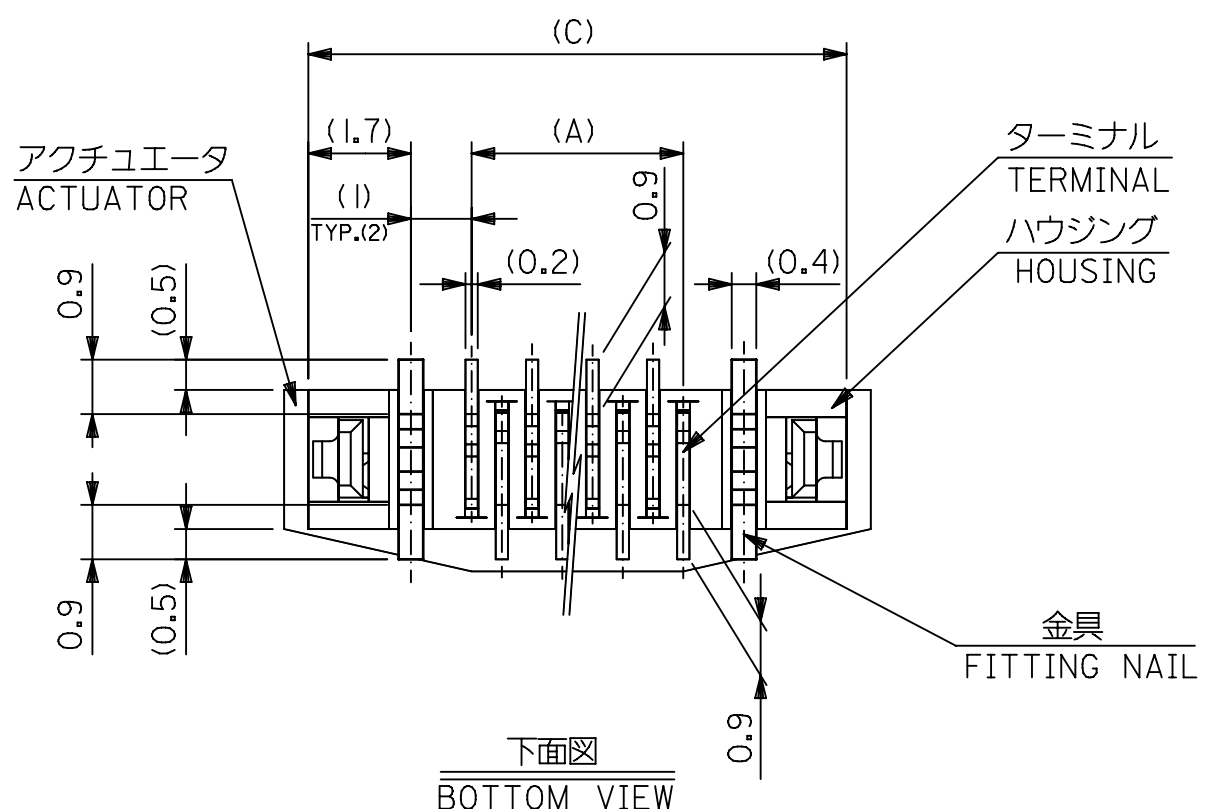
001

G

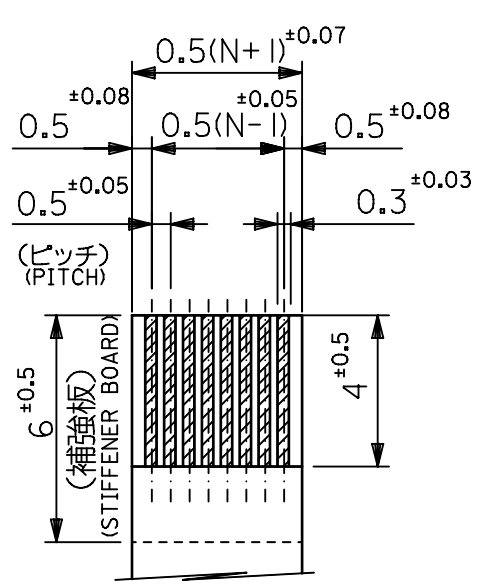
SEE TABLE

GENERAL MARKET

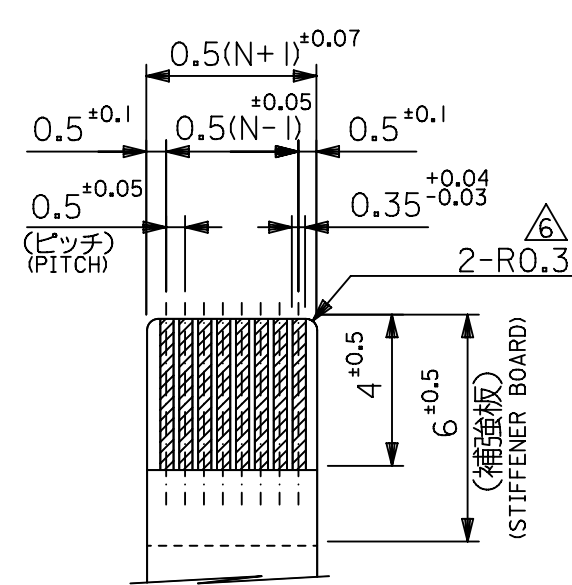
4 OF 5



下面図
BOTTOM VIEW



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



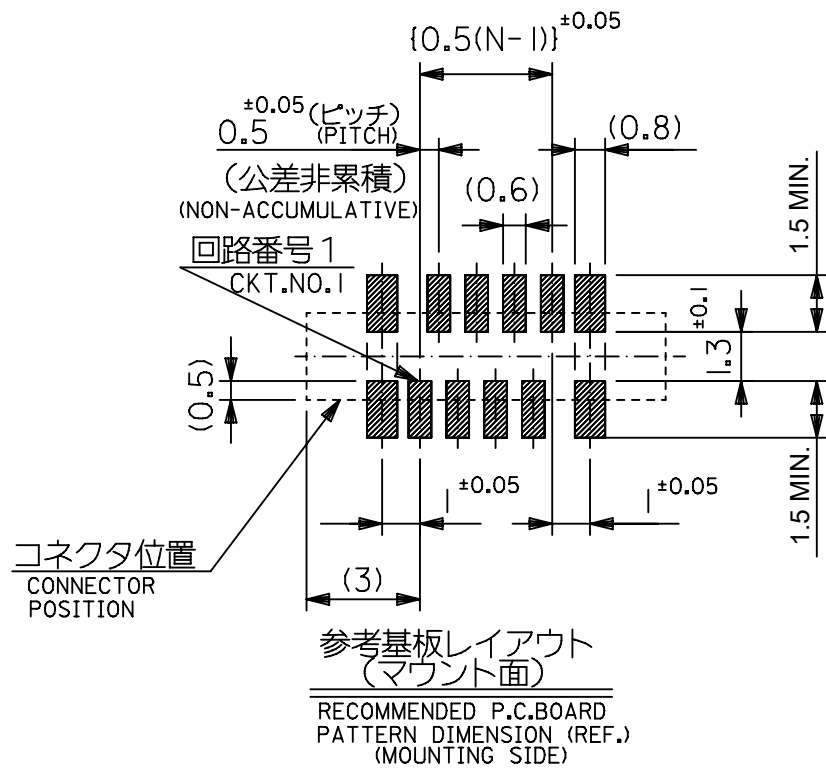
適合 F P C 推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION.
(仕上がり厚さ: $0.3^{+0.05}_{-0.05}$)
(THICKNESS: $0.3^{+0.05}_{-0.05}$)

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

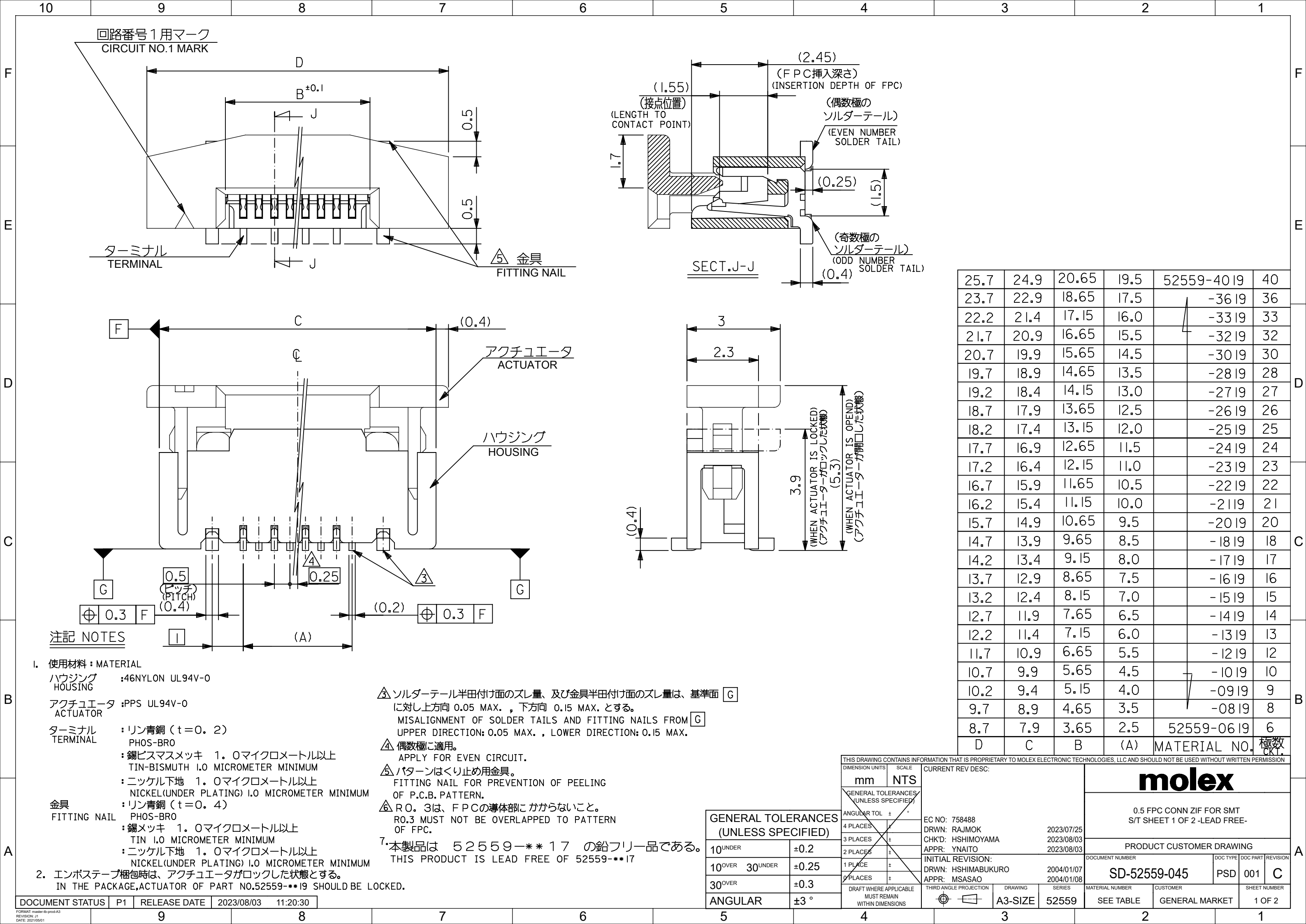
1. 使用材料 : MATERIAL
ハウジング : 46NYLON UL94V-0
ハウジング
HOUSING
アクチュエータ : PPS UL94V-0
アクチュエータ
ACTUATOR
ターミナル : リン青銅 (t=0.2)
ターミナル
TERMINAL PHOS-BRO
: 錫ビスマスメッキ 1.0 マイクロメートル以上
: TIN-BISMUTH 1.0 MICROMETER MINIMUM
: ニッケル下地 1.0 マイクロメートル以上
: NICKEL(UNDER PLATING) 1.0 MICROMETER MINIMUM
金具 : リン青銅 (t=0.4)
金具
FITTING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

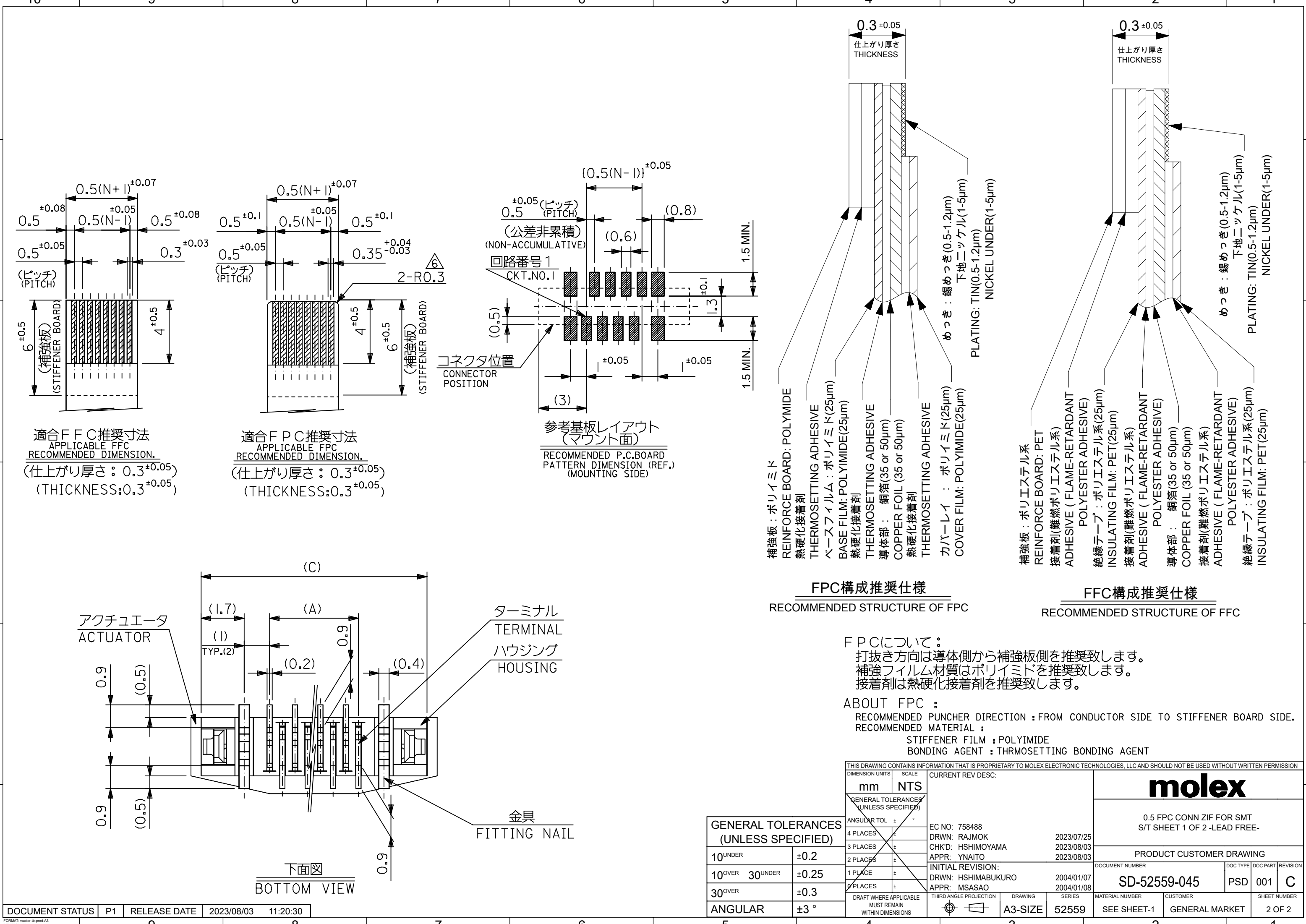


コネクタ位置
CONNECTOR
POSITION

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

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 SMT EMBSTP PKG -LEAD FREE-		
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± °									
4 PLACES		±	EC NO: 745355 DRWN: RAJMOK						





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	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