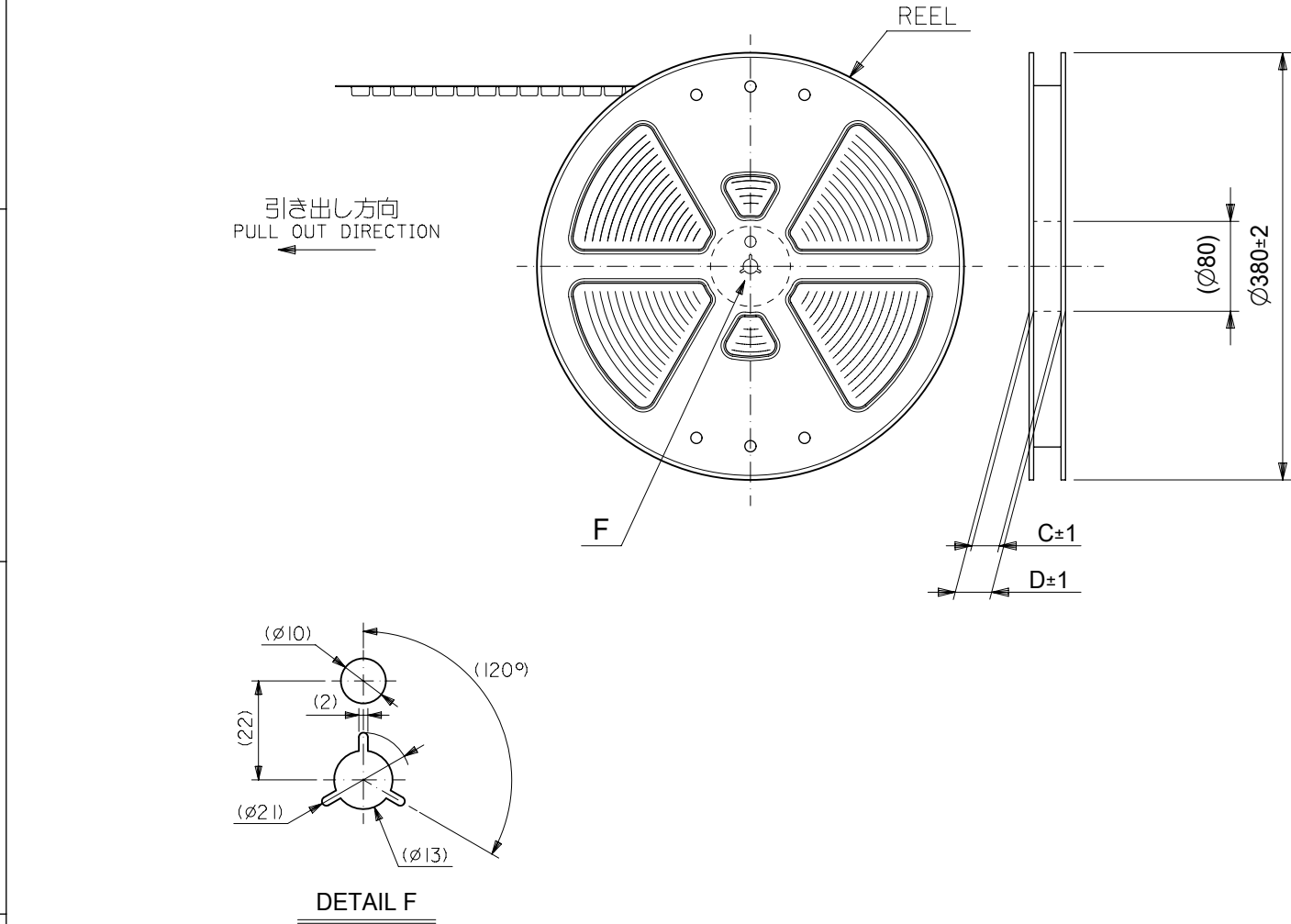
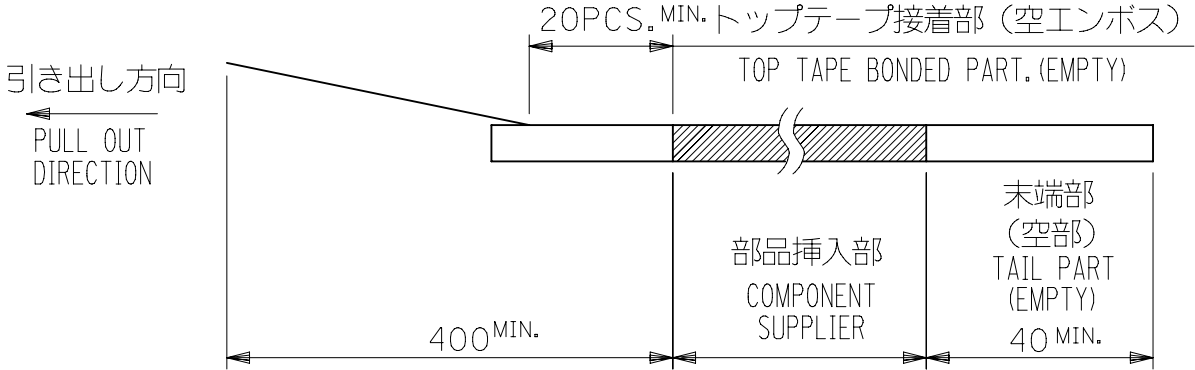


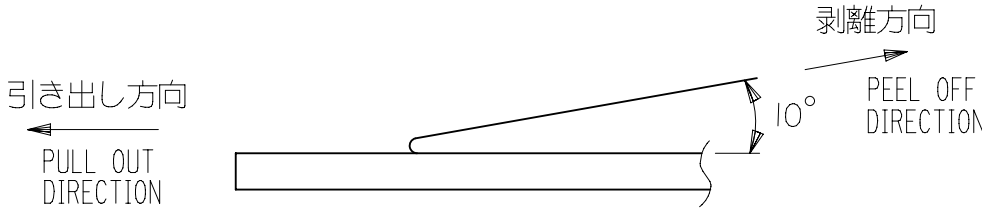


NOTES

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

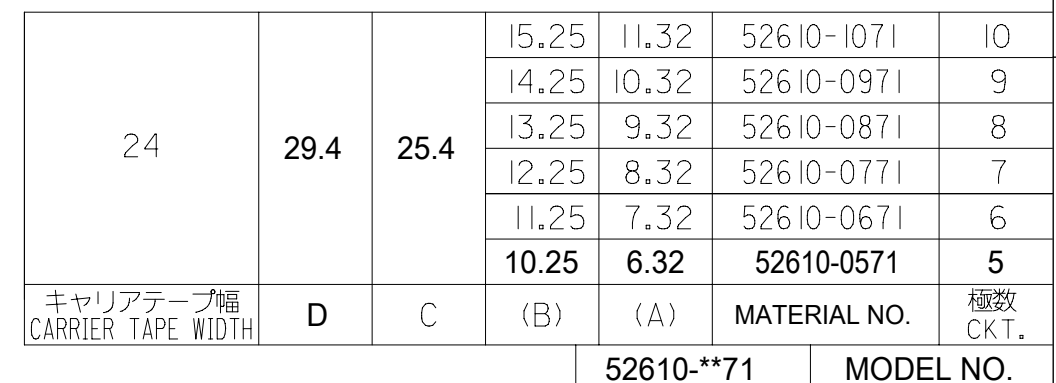
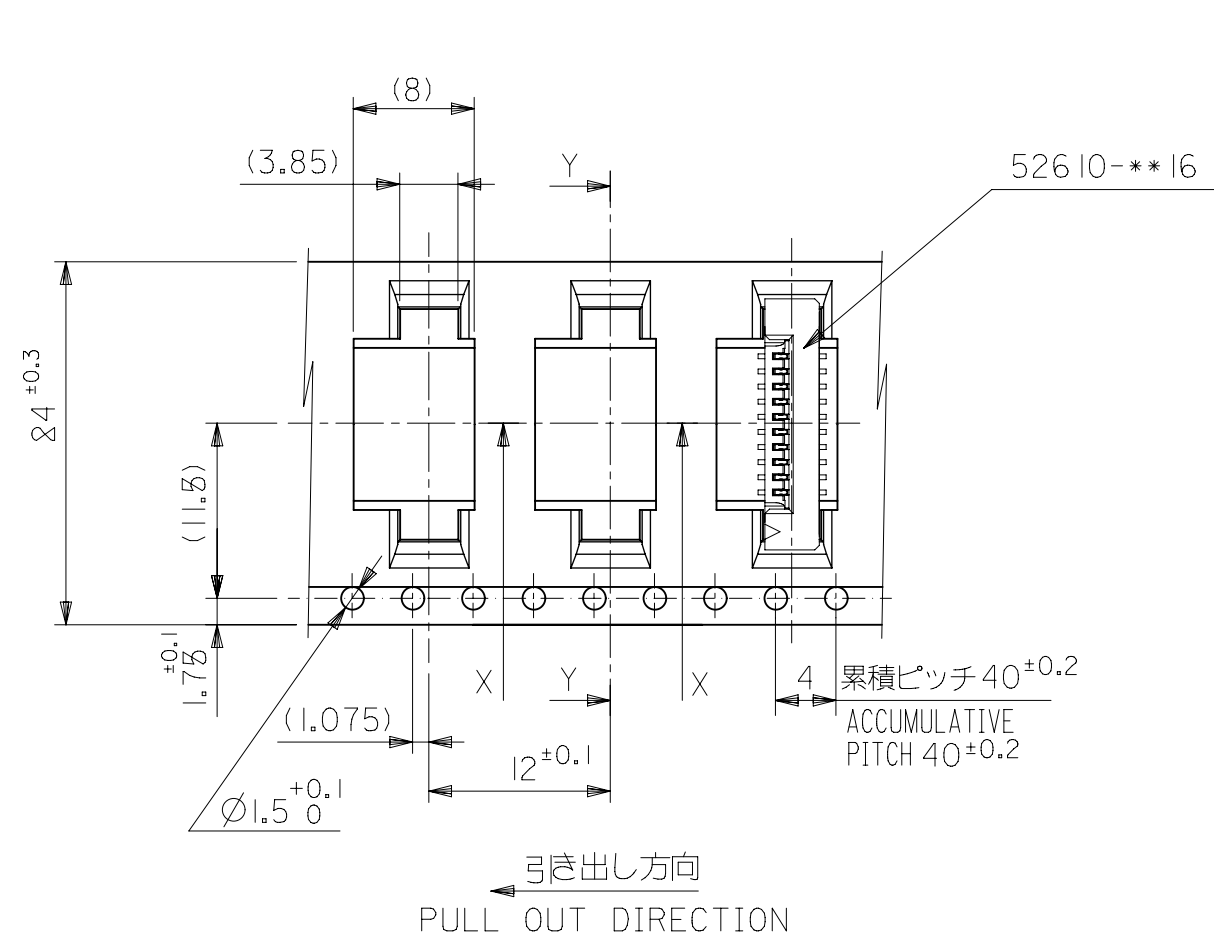


3. トップテープの剥離強度：0.1～1.3N {10gf～130gf}（剥離方向は下図参照）
尚、本規格値は出荷時に適用。（但し、輸送時に剥離が発生しないこと。）
PEELING OFF FORCE OF TOP TAPE：0.1～1.3N {10gf～130gf}
（PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.）
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTATION.

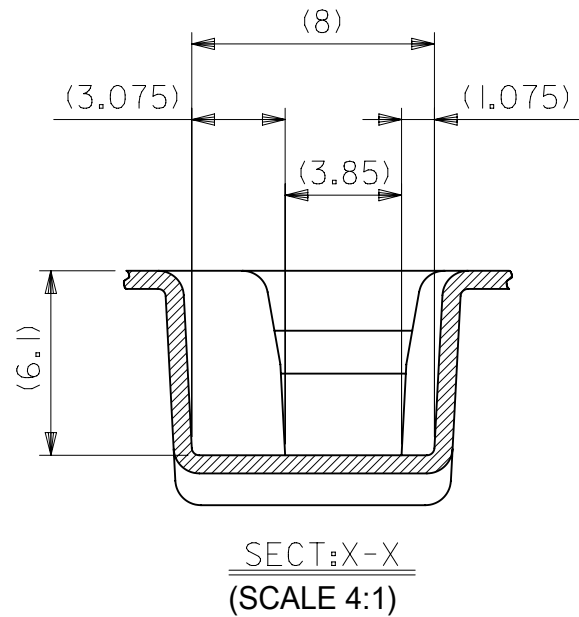
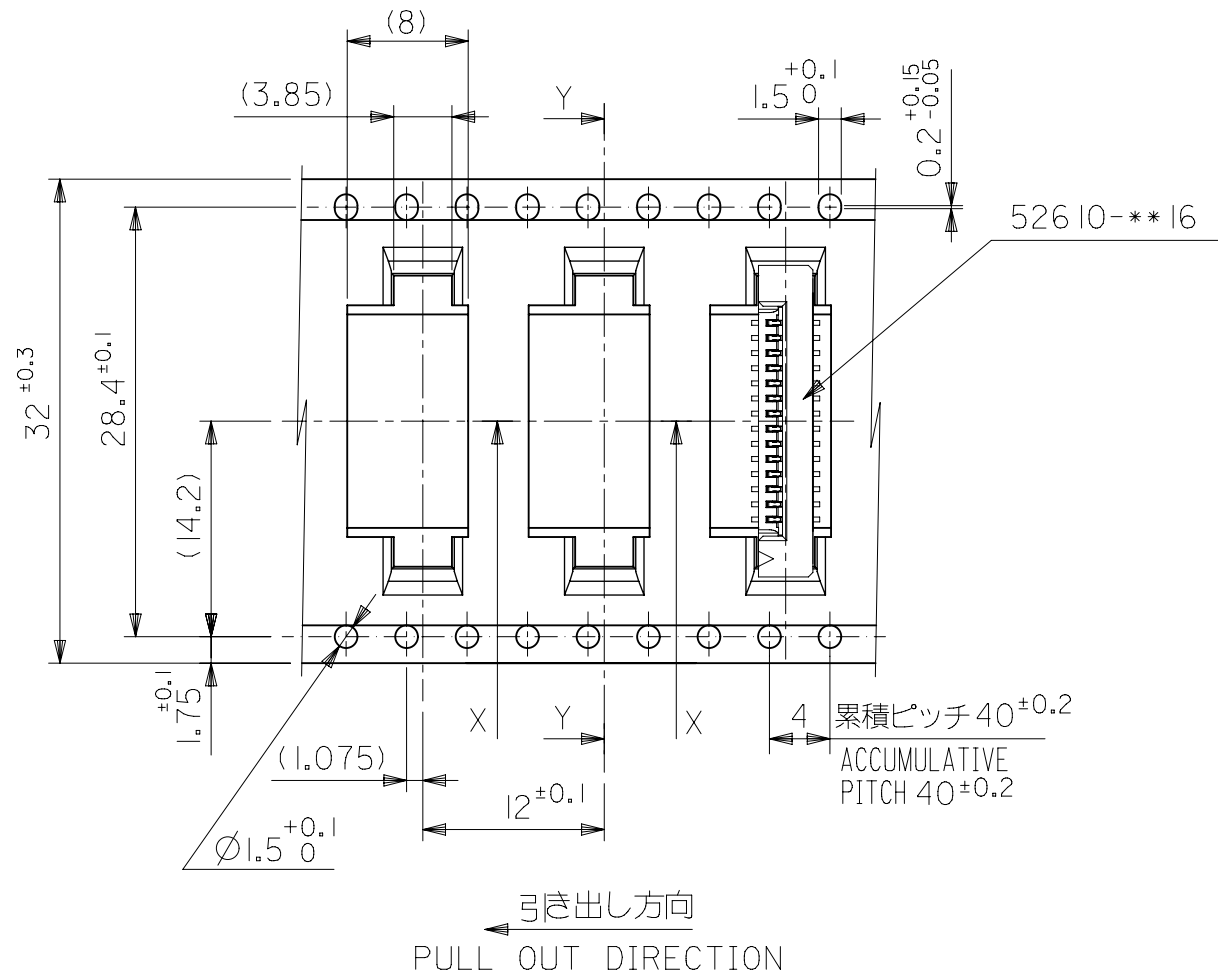
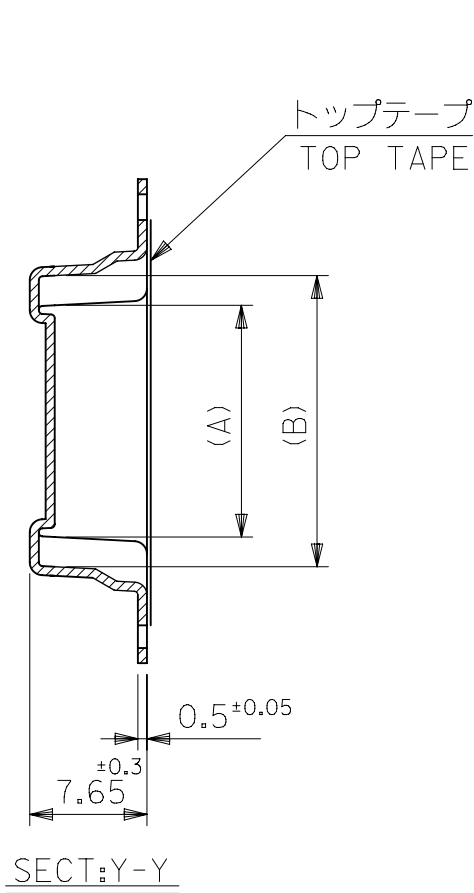


4. 52610-**-16 のアクチュエータはハウジング内に押し下げた状態とする。
詳細寸法については 製品単体図面 を参照下さい。
ACTUATOR OF PART NO. 52610-**-16 SHULD BE LOCKED.
RE DETAILED DIMENSIONS , SEE SALES DRAWING FOR CONNECTOR.
5. 材料(MATERIAL)
キャリアテープ(CARRIER TAPE)：ポリプロピレン(POLYPROPYLENE)
トップテープ(TOPTAPE)：PET , PE , PEF
リール(REEL)：ポリスチレン (PS) <リサイクル材を含む>
POLYSTYREN(PS) <RECYCLE MATERIAL CONTAINED>
6. 本製品は 52610-**-90 の鉛フリー品です
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.

		52610-**71		MODEL NO.	
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		CURRENT REV DESC:			
		EC NO: 719890			
		DRWN: DGONDO			
		CHK'D: SMARUYAMA			
		APPR: YNAITO			
		INITIAL REVISION:			
		DRWN: NAIDA			
		APPR: NUKITA			
		THIRD ANGLE PROJECTION			
		DRAWING			
		SERIES			
		MATERIAL NUMBER			
		CUSTOMER			
		SHEET NUMBER			
		A3-SIZE			
		52610			
		SEE TABLE			
		GENERAL MARKET			
		1 OF 5			
		DOCUMENT NUMBER			
		SD-52610-038			
		DOC TYPE			
		PSD			
		DOC PART			
		001			
		REVISION			
		D			
		PRODUCT CUSTOMER DRAWING			
		1.0 FPC CONN SMT			
		ZIF EMBSTP PKG -LEAD FREE-			
		GENERAL TOLERANCES (UNLESS SPECIFIED)			
		ANGULAR TOL			
		4 PLACES			
		3 PLACES			
		2 PLACES			
		1 PLACE			
		0 PLACES			
		DRAFT WHERE APPLICABLE			
		MUST REMAIN			
		WITHIN DIMENSIONS			
		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			
		2022/09/05			
		05:51:54			



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



32	37.4	33.4	20.25	16.32	52610-1571	15
			19.25	15.32	52610-1471	14
			18.25	14.32	52610-1371	13
			17.25	13.32	52610-1271	12
			16.25	12.32	52610-1171	11
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CKT.

52610-**71 MODEL 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) ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				EC NO: 719890			1.0 FPC CONN SMT ZIF EMBSTP PKG -LEAD FREE-		
				DRWN: DGONDO 2022/09/01					
				CHK'D: SMARUYAMA 2022/09/05					
				APPR: YNAITO 2022/09/05			PRODUCT CUSTOMER DRAWING		
				INITIAL REVISION:			DOCUMENT NUMBER		DOC TYPE
DRWN: NAIDA 2005/08/08			SD-52610-038		PSD	001	D		
APPR: NUKITA 2005/08/22			MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
THIRD ANGLE PROJECTION		DRAWING	SERIES	SEE TABLE		GENERAL MARKET		3 OF 5	
		A3-SIZE	52610						

A

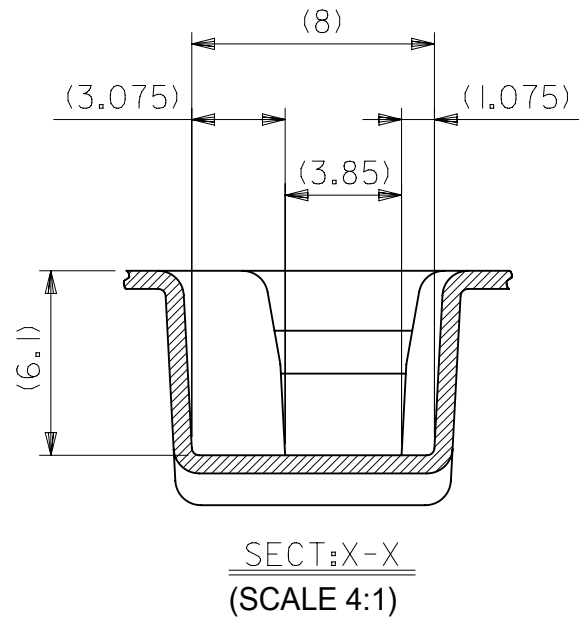
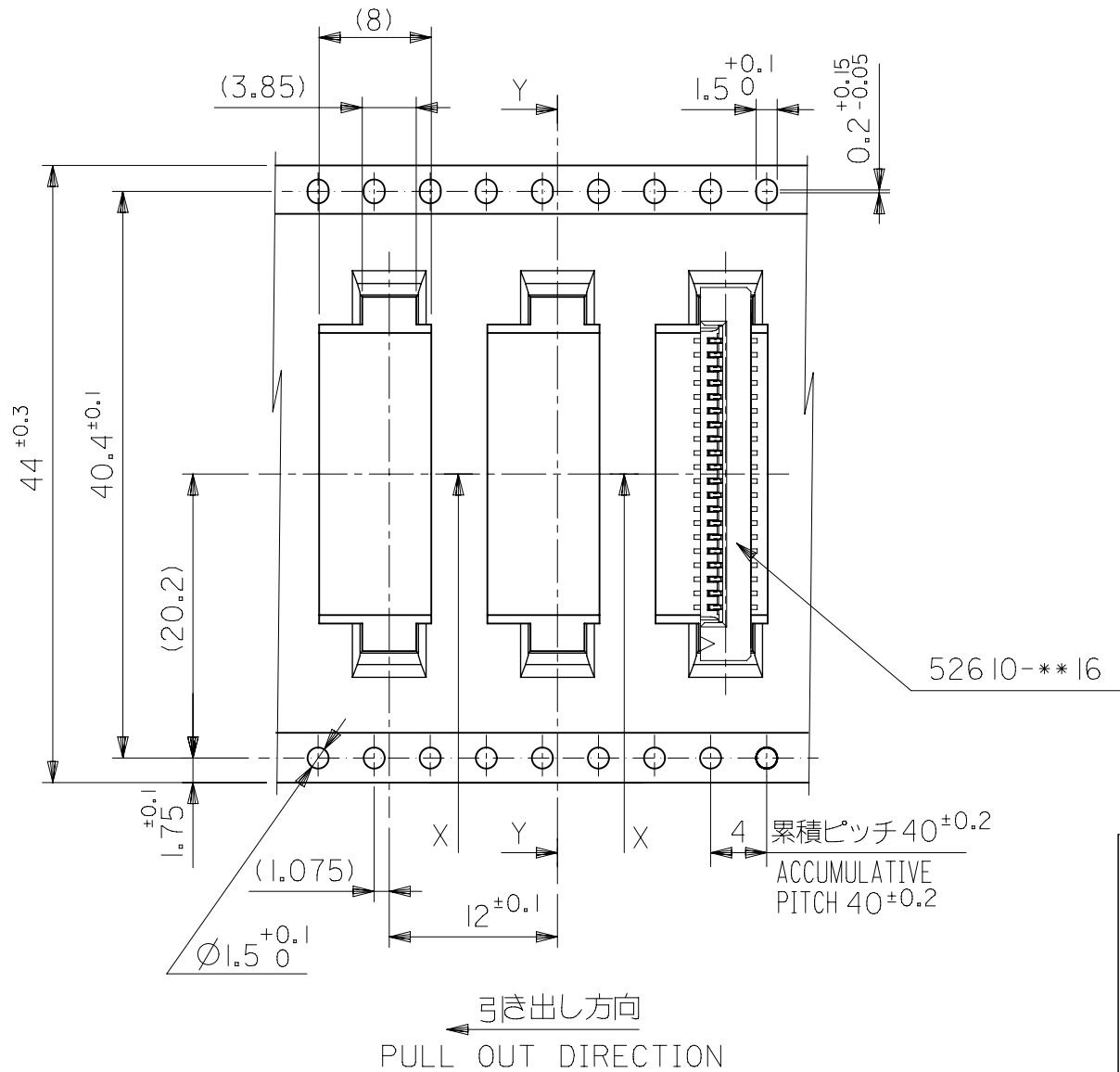
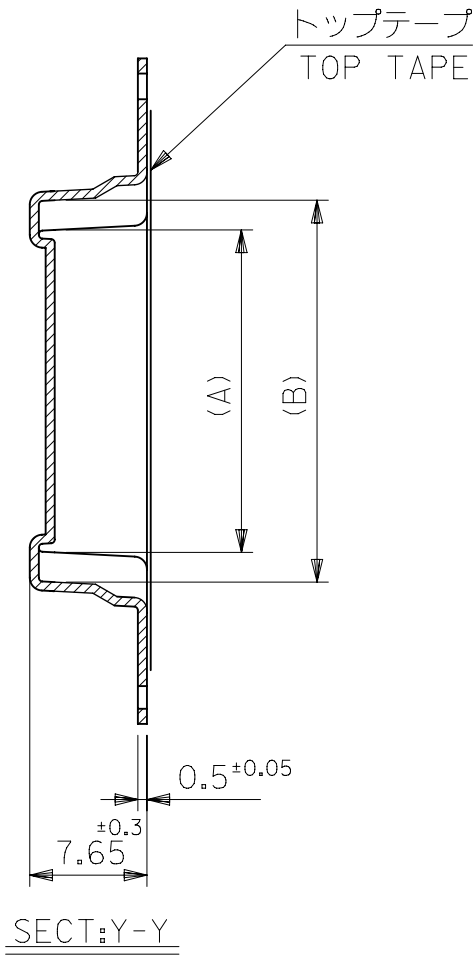
B

C

D

E

F



44	49.4	45.4	31.25	27.32	526 10-2671	26
			30.25	26.32	526 10-2571	25
			29.25	25.32	526 10-2471	24
			28.25	24.32	526 10-2371	23
			27.25	23.32	526 10-2271	22
			26.25	22.32	526 10-2171	21
			25.25	21.32	526 10-2071	20
			24.25	20.32	526 10-1971	19
			23.25	19.32	526 10-1871	18
			22.25	18.32	526 10-1771	17
			21.25	17.32	526 10-1671	16
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CKT.

52610-**-71 MODEL NO.

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: 719890
DRWN: DGONDO
CHK'D: SMARUYAMA
APPR: YNAITO

INITIAL REVISION:
DRWN: NAIDA
APPR: NUKITA

THIRD ANGLE PROJECTION
DRAWING
SERIES
MATERIAL NUMBER
CUSTOMER
SHEET NUMBER

2022/09/01
2022/09/05
2022/09/05
2005/08/08
2005/08/22
A3-SIZE
52610
SEE TABLE
GENERAL MARKET
4 OF 5

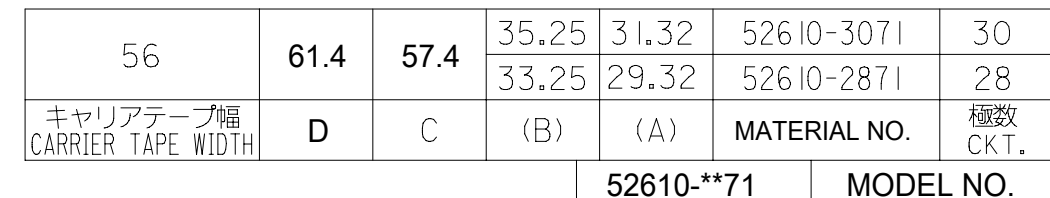
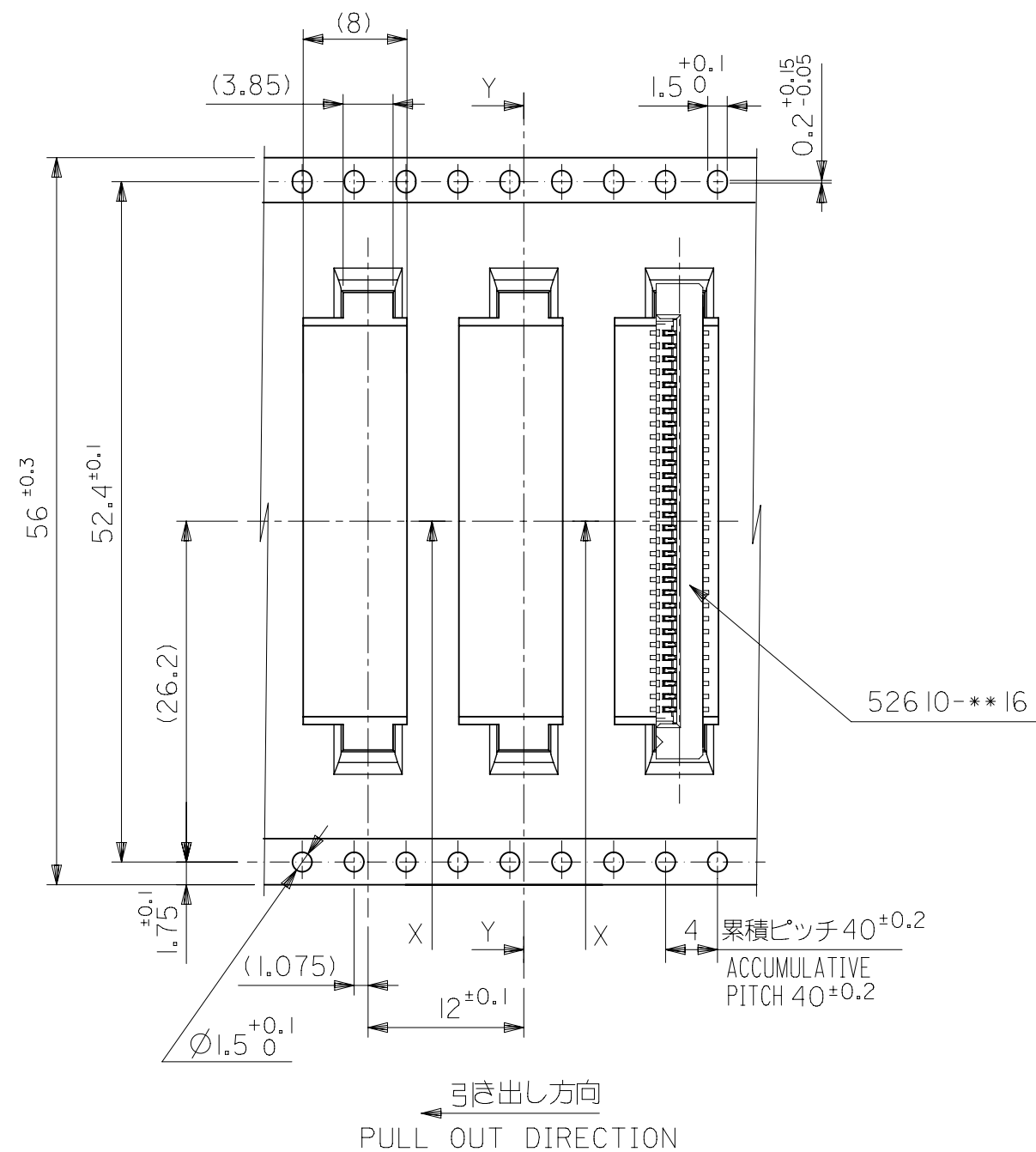
molex

1.0 FPC CONN SMT
ZIF EMBSTP PKG -LEAD FREE-

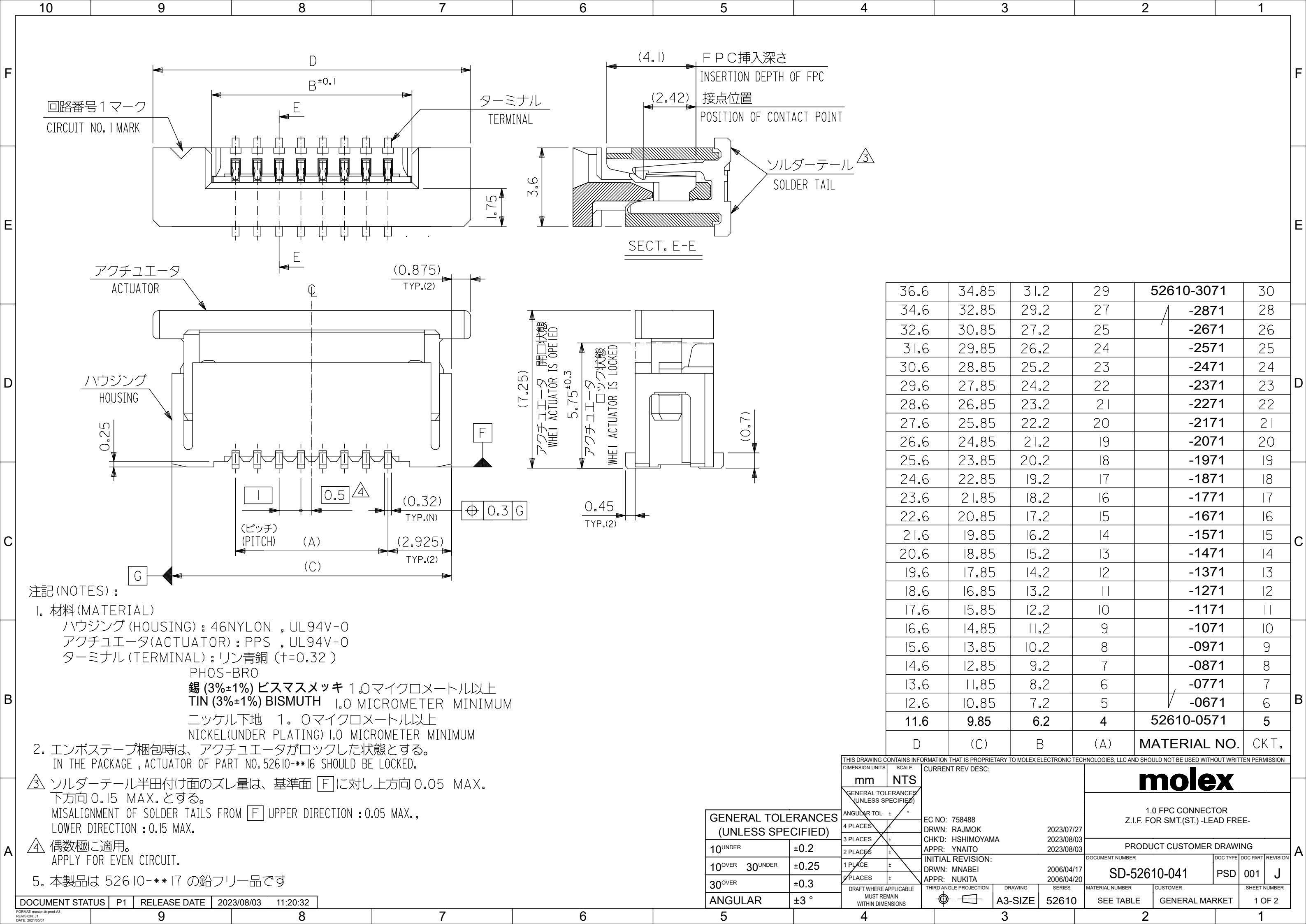
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
SD-52610-038
DOC TYPE
PSD
DOC PART
001
REVISION
D

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



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



回路番号1マーク
CIRCUIT NO. 1 MARK

ターミナル
TERMINAL

F P C挿入深さ
INSERTION DEPTH OF FPC
接点位置
POSITION OF CONTACT POINT

溶ダールテール
SOLDER TAIL

SECT. E-E

アクチュエータ
ACTUATOR

ハウジング
HOUSING

アクチュエータ 開口状態
WHEI ACTUATOR IS OPEIED
アクチュエータ ロック状態
WHEI ACTUATOR IS LOCKED

(ピッチ)
(PITCH)
(A)
(C)
(0.32)
TYP.(N)
(2.925)
TYP.(2)

注記(NOTES):

- 材料(MATERIAL)
ハウジング (HOUSING): 46NYLON , UL94V-0
アクチュエータ (ACTUATOR): PPS , UL94V-0
ターミナル (TERMINAL): リン青銅 (t=0.32)
PHOS-BRO
錫 (3%±1%) ビスマスメッキ 1.0マイクロメートル以上
TIN (3%±1%) 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
- 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. 52610-**16 SHOULD BE LOCKED.
- 溶ダールテール半田付け面のズレ量は、基準面 [F] に対し上方向 0.05 MAX.
下方向 0.15 MAX. とする。
MISALIGNMENT OF SOLDER TAILS FROM [F] UPPER DIRECTION : 0.05 MAX.,
LOWER DIRECTION : 0.15 MAX.
- 偶数極に適用。
APPLY FOR EVEN CIRCUIT.
- 本製品は 52610-**17 の鉛フリー品です

36.6	34.85	31.2	29	52610-3071	30
34.6	32.85	29.2	27	-2871	28
32.6	30.85	27.2	25	-2671	26
31.6	29.85	26.2	24	-2571	25
30.6	28.85	25.2	23	-2471	24
29.6	27.85	24.2	22	-2371	23
28.6	26.85	23.2	21	-2271	22
27.6	25.85	22.2	20	-2171	21
26.6	24.85	21.2	19	-2071	20
25.6	23.85	20.2	18	-1971	19
24.6	22.85	19.2	17	-1871	18
23.6	21.85	18.2	16	-1771	17
22.6	20.85	17.2	15	-1671	16
21.6	19.85	16.2	14	-1571	15
20.6	18.85	15.2	13	-1471	14
19.6	17.85	14.2	12	-1371	13
18.6	16.85	13.2	11	-1271	12
17.6	15.85	12.2	10	-1171	11
16.6	14.85	11.2	9	-1071	10
15.6	13.85	10.2	8	-0971	9
14.6	12.85	9.2	7	-0871	8
13.6	11.85	8.2	6	-0771	7
12.6	10.85	7.2	5	-0671	6
11.6	9.85	6.2	4	52610-0571	5
D	(C)	B	(A)	MATERIAL NO.	CKT.

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

mm

SCALE

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: 758488
DRWN: RAJMOK
CHK'D: HSHIMOYAMA
APPR: YNAITO
2023/07/27
2023/08/03
2023/08/03

INITIAL REVISION:
DRWN: MNABEI
APPR: NUKITA
2006/04/17
2006/04/20

THIRD ANGLE PROJECTION

DRAWING

SERIES

52610

molex

1.0 FPC CONNECTOR
Z.I.F. FOR SMT.(ST.) -LEAD FREE-

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
SD-52610-041

DOC TYPE
PSD

DOC PART
001

REVISION
J

MATERIAL NUMBER
SEE TABLE

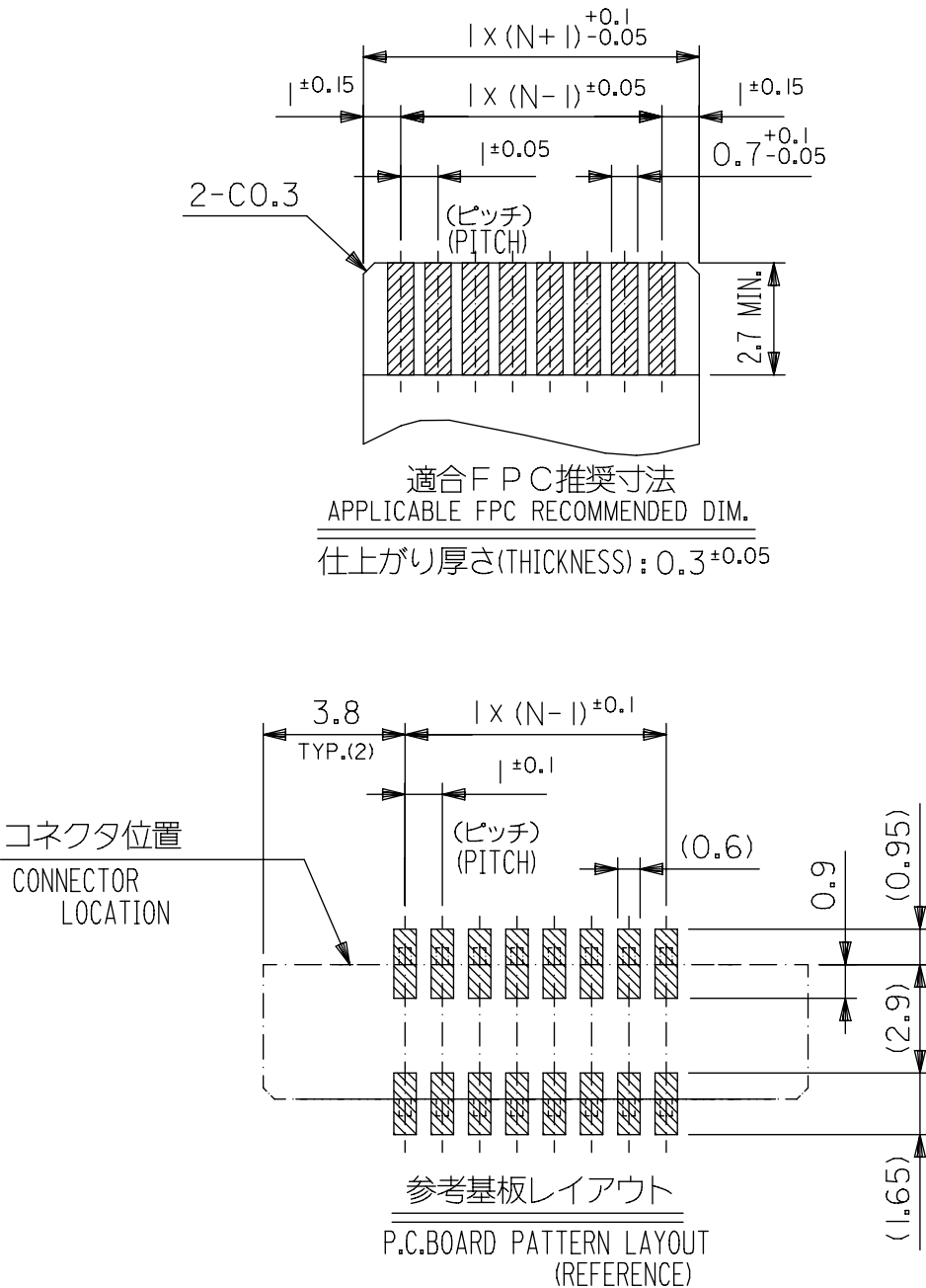
CUSTOMER
GENERAL MARKET

SHEET NUMBER
1 OF 2

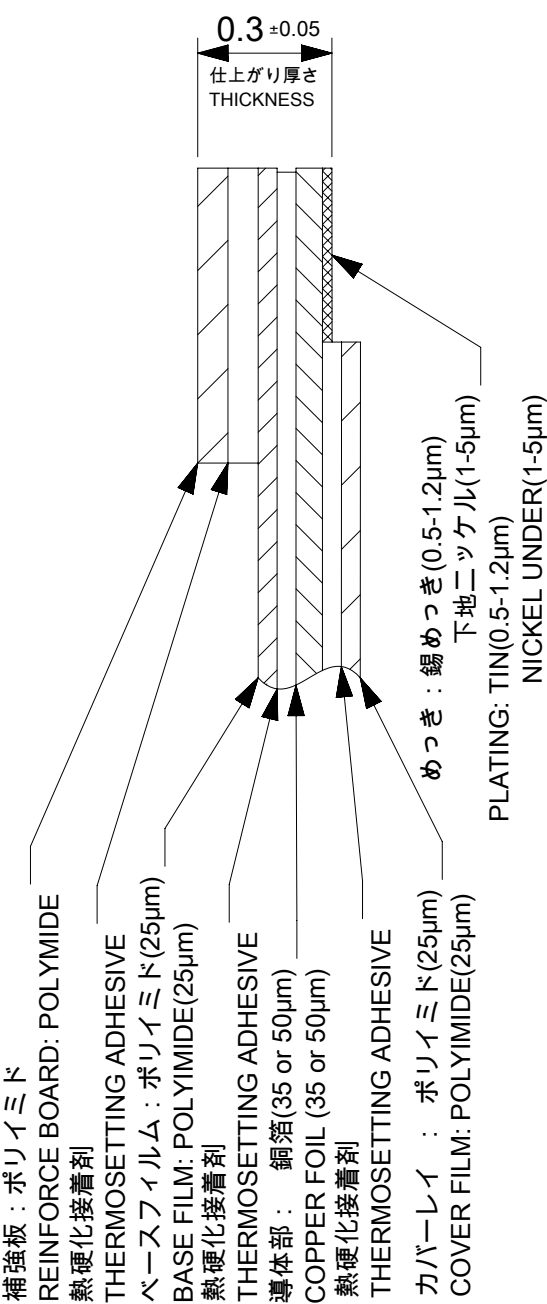
DOCUMENT STATUS	P1	RELEASE DATE	2023/08/03	11:20:32
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F P Cについて：
打抜き方向は導体側から補強板側を推奨致します。
補強フィルム材質はポリイミドを推奨致します。
接着剤は熱硬化接着剤を推奨致します。

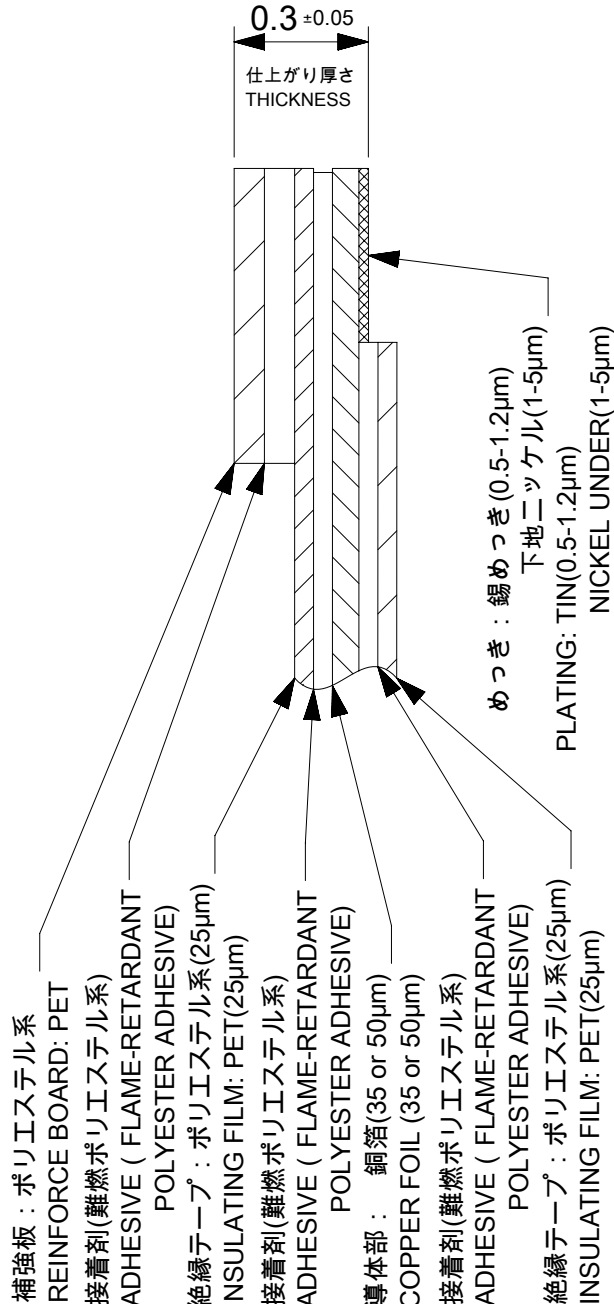
ABOUT FPC:
RECOMMENDED PUNCHER DIRECTION :FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED MATERIAL :
STIFFENER FILM :POLYIMIDE
BONDING AGENT :THRMOSETTING BONDING AGENT



FPC構成推奨仕様
RECOMMENDED STRUCTURE OF FPC



FFC構成推奨仕様
RECOMMENDED STRUCTURE OF FFC



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			1.0 FPC CONNECTOR Z.I.F. FOR SMT.(ST.) -LEAD FREE-			
mm	NTS			PRODUCT CUSTOMER DRAWING			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 758488		DOCUMENT NUMBER			
		DRWN: RAJMOK		DOC TYPE			
		CHK'D: HSHIMOYAMA		DOC PART			
		APPR: YNAITO		REVISION			
		INITIAL REVISION:		SD-52610-041			
		DRWN: MNABEI		PSD			
4 PLACES		2023/07/27		001			
3 PLACES		2023/08/03		J			
2 PLACES		2023/08/03					
1 PLACE							
0 PLACES							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER
			A3-SIZE	52610	SEE SHEET-1		GENERAL MARKET
						SHEET NUMBER	
						2 OF 2	