

NOTE

1.梱包数量：1000個/リール
NUMBER OF CONNECTORS：1000 PCS/REEL

2.リードテープ長さ LEAD TAPE LENGTH

引き出し方向
PULL OUT DIRECTION

20PCS. MIN. トップテープ接着部（空エンボス）
TOP TAPE BONDED PART. (EMPTY)

部品挿入部
COMPONENT
SUPPLIER

末端部
（空部）
TAIL PART
(EMPTY)
40 MIN.

400 MIN.

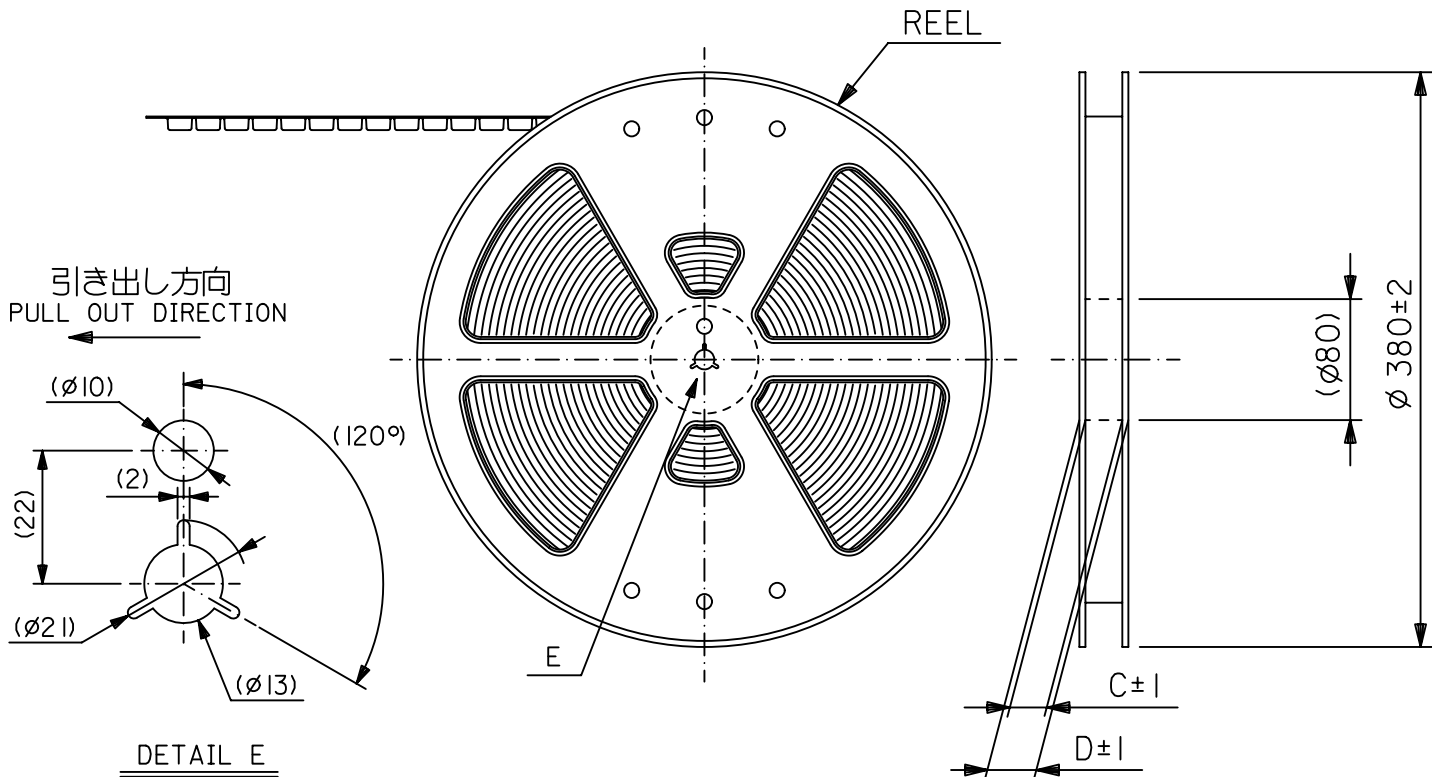
3.52610-**15のアクチュエータはハウジング内に押し下げた状態とする。
詳細寸法については図面 526101000 PSD 000 を参照下さい。
ACTUATOR OF PART NO. 52610-**15 SHOULD BE LOCKED.
RE DETAILD DIMENSIONS, SEE 526101000 PSD 000.

4.材料 MATERIAL
キャリアテープ：ポリプロピレン
トップテープ：PET, PE, PEF
リール：ポリスチレン <リサイクル材を含む>
CARRIER TAPE：POLYPROPYLENE
TOP TAPE：PET, PE, PEF
REEL：POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>

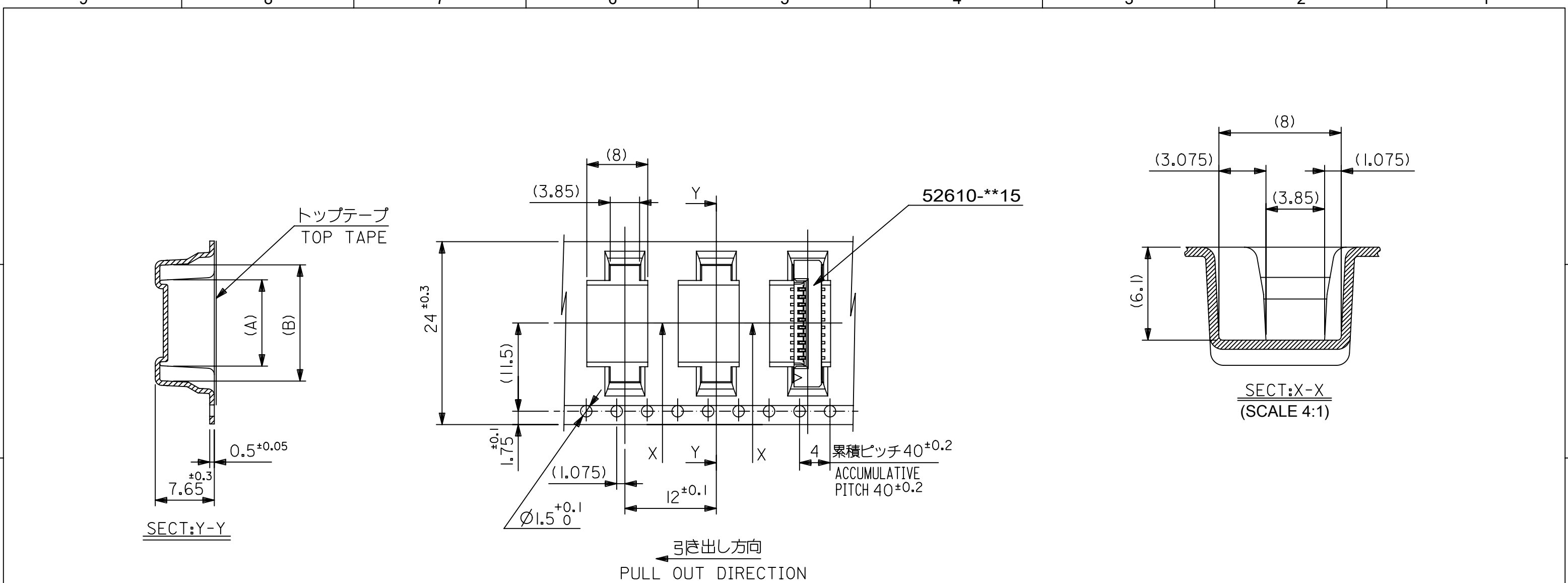
5.本製品は52610シリーズの接点金めっき品である。
THIS PRODUCT IS Au-CONTACT OF 52610 SERIES.

6.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.

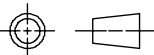
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
RELEASED EC NO: 106044 DRWN: YMIZUNO02 CHK'D: YKOBAYASHI02 APPR: TKUSUHARA01		2016/10/12 2016/12/28 2016/12/28		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® 1.0 FPC CONN ZIF ASSY SMT ST EMBSTP PKG PRODUCT CUSTOMER DRAWING			
						MM		---					
						DRWN BY		DATE					
						YMIZUNO02		2016/10/12					
						CHK'D BY		DATE					
						YKOBAYASHI02		2016/12/28					
						APPR BY		DATE					
						TKUSUHARA01		2016/12/28					
						DRAWING SIZE		THIRD ANGLE PROJECTION					
						A3							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SERIES		MATERIAL NUMBER		CUSTOMER					
				52610		SEE CHART		GENERAL					
A		REV		DOCUMENT NUMBER				DOC TYPE		DOC PART		SHEET NUMBER	
				526100000				PSD		000		1 OF 5	



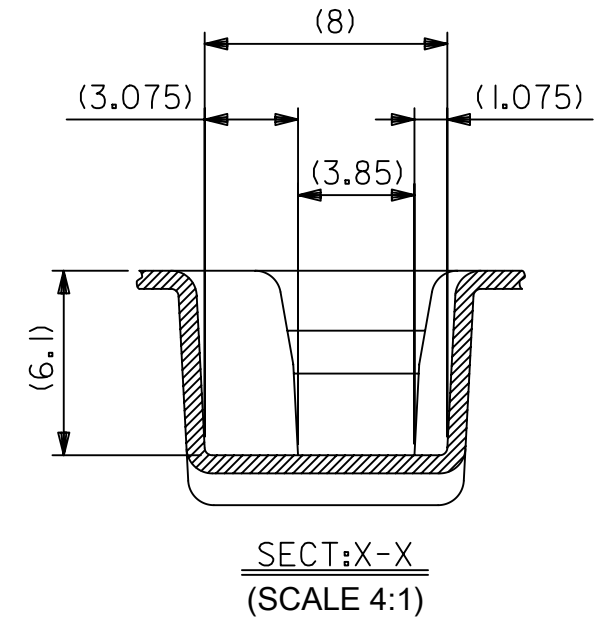
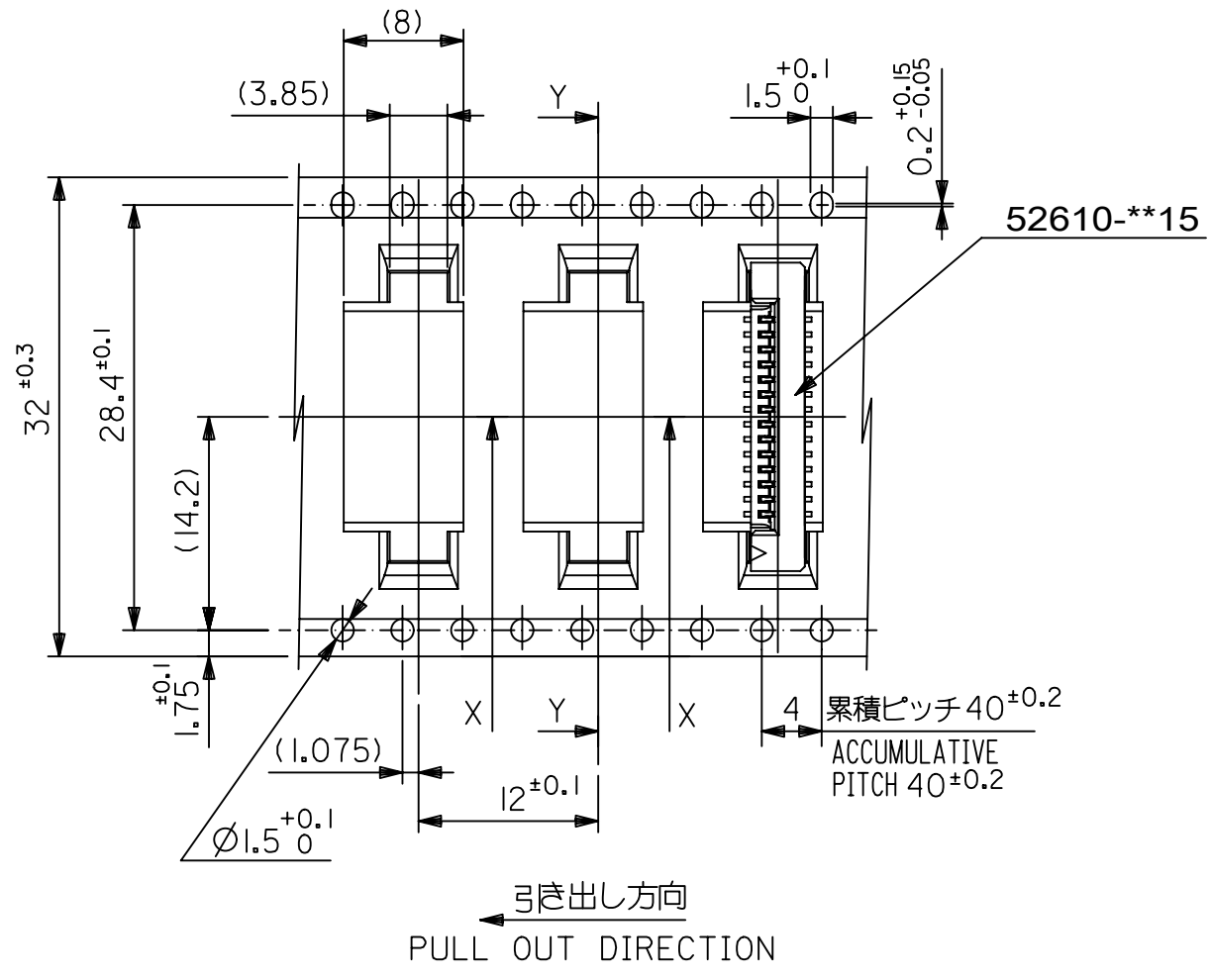
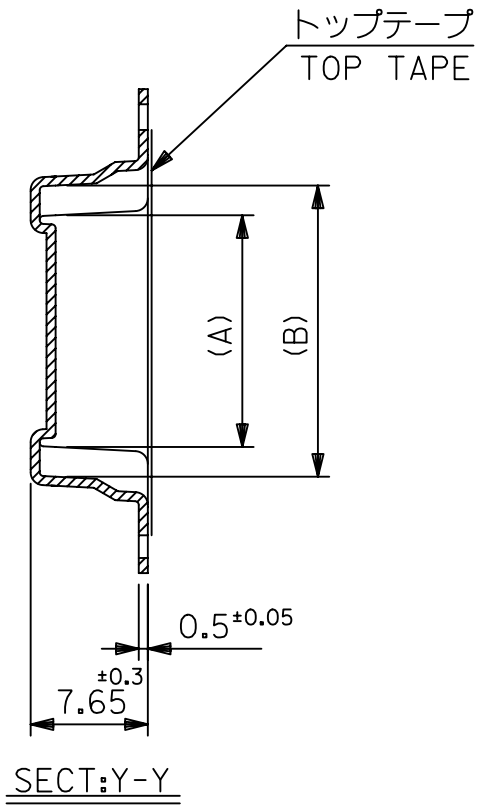
RELEASE STATUS		RELEASE DATE	
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24	29.4	25.4	15.25	11.32	52610-1072	10
			14.25	10.32	52610-0972	9
			13.25	9.32	52610-0872	8
			12.25	8.32	52610-0772	7
			11.25	7.32	52610-0672	6
			10.25	6.32	52610-0572	5
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CKT

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
RELEASED		EC NO: 106044 DRWN: YMIZUNO02 CHK'D: YKOBAYASHI02 APPR: TKUSUHARA01		2016/10/12 2016/12/28 2016/12/28		GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0 ° 4 PLACES ± 0.2 3 PLACES ± 0.2 2 PLACES ± 0.2 1 PLACE ± 0.2 0 PLACES ± 0.2 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DIMENSION UNITS		SCALE		molex®					
								MM		---							
								DRWN BY		DATE		1.0 FPC CONN ZIF ASSY SMT ST EMBSTP PKG					
								YMIZUNO02		2016/10/12							
								CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING					
								YKOBAYASHI02		2016/12/28							
								APPR BY		DATE		SERIES		MATERIAL NUMBER		CUSTOMER	
								TKUSUHARA01		2016/12/28							
								DRAWING SIZE		THIRD ANGLE PROJECTION		52610		SEE CHART		GENERAL	
								A3									
A		REV		DOCUMENT NUMBER				DOC TYPE		DOC PART		SHEET NUMBER					
				526100000				PSD		000		2 OF 5					

RELEASE STATUS		RELEASE DATE	
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32	37.4	33.4	20.25	16.32	52610-1572	15
			19.25	15.32	52610-1472	14
			18.25	14.32	52610-1372	13
			17.25	13.32	52610-1272	12
			16.25	12.32	52610-1172	11
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CKT

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

RELEASED

EC NO: 106044
DRWN: YMIZUNO02
CHK'D: YKOBAYASHI02
APPR: TKUSUHARA01

2016/10/12
2016/12/28
2016/12/28
2016/12/28

REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL $\pm$ 3.0 °

4 PLACES	$\pm$ 0.2
3 PLACES	$\pm$ 0.2
2 PLACES	$\pm$ 0.2
1 PLACE	$\pm$ 0.2
0 PLACES	$\pm$ 0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS
MM

SCALE

DRWN BY
YMIZUNO02

DATE
2016/10/12

CHK'D BY
YKOBAYASHI02

DATE
2016/12/28

APPR BY
TKUSUHARA01

DATE
2016/12/28

DRAWING SIZE
A3

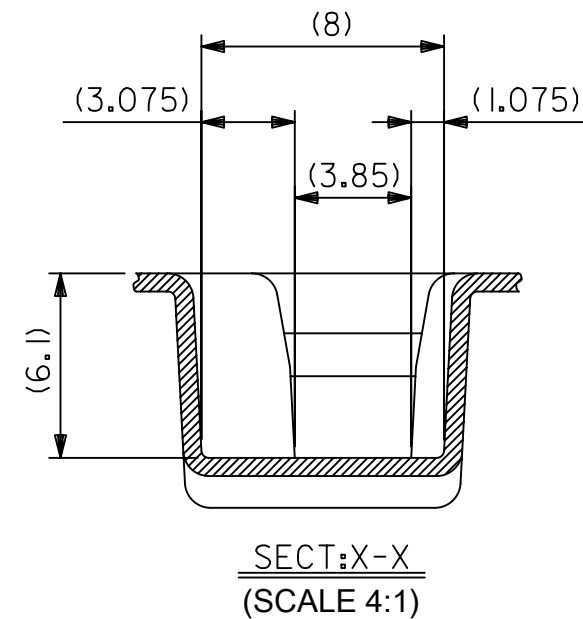
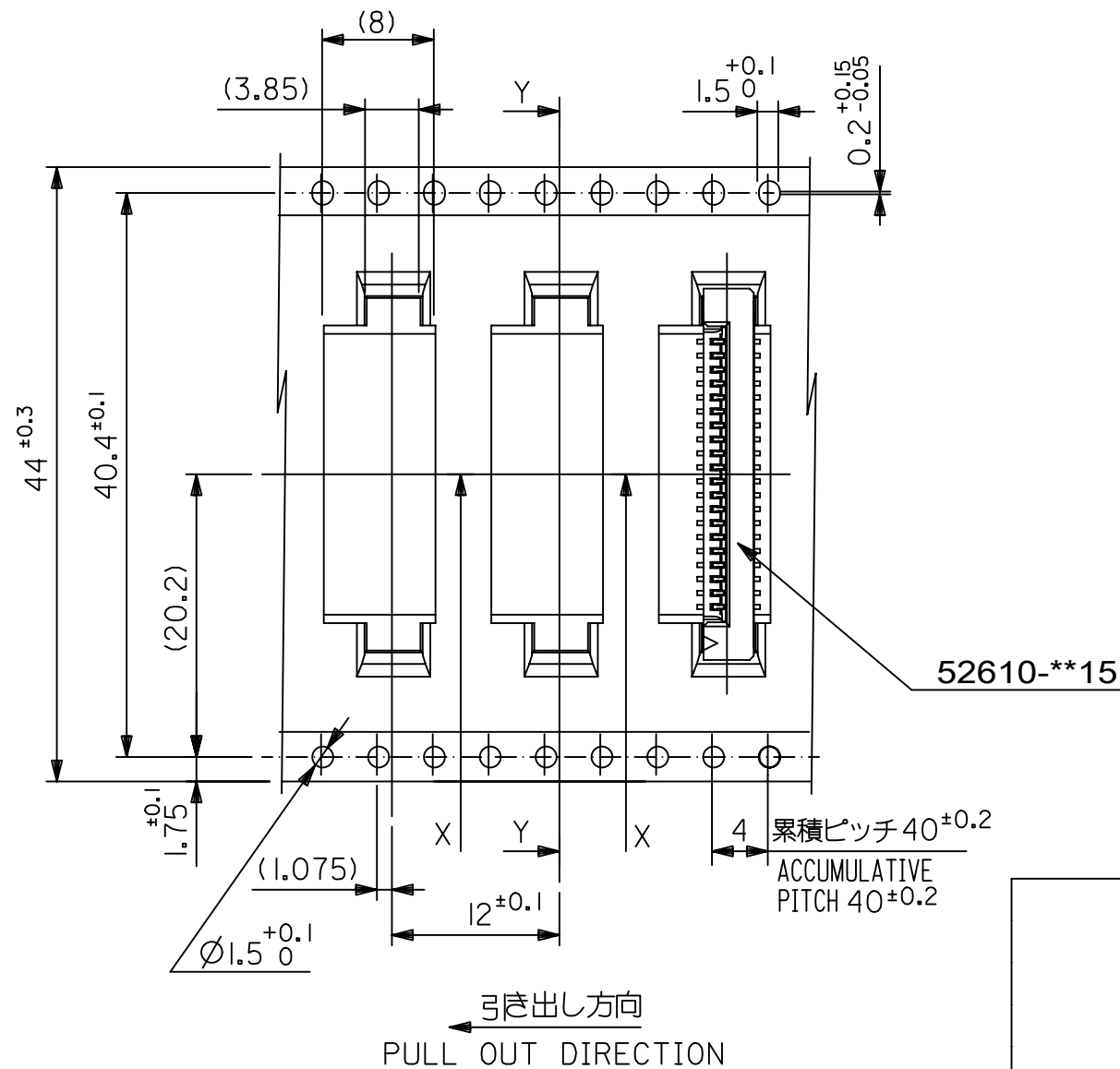
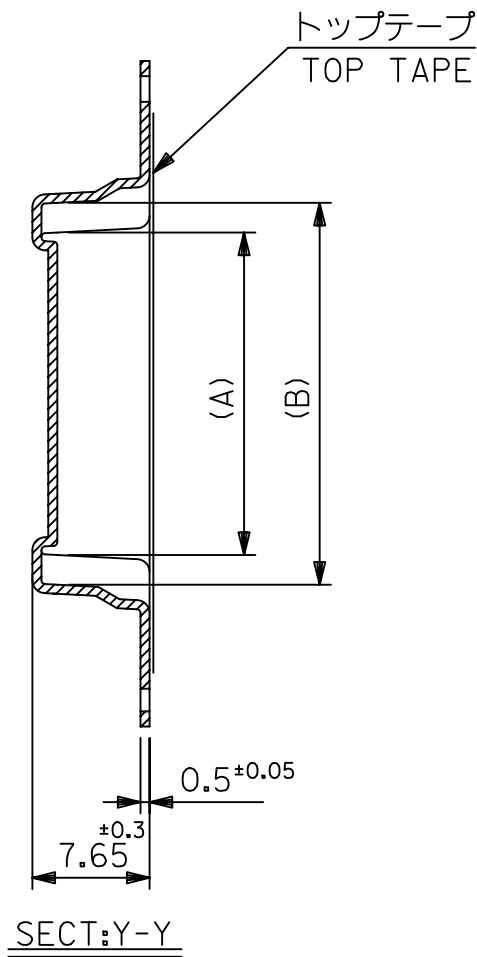
THIRD ANGLE PROJECTION

molex[®]

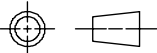
1.0 FPC CONN ZIF ASSY SMT ST EMBSTP PKG

PRODUCT CUSTOMER DRAWING

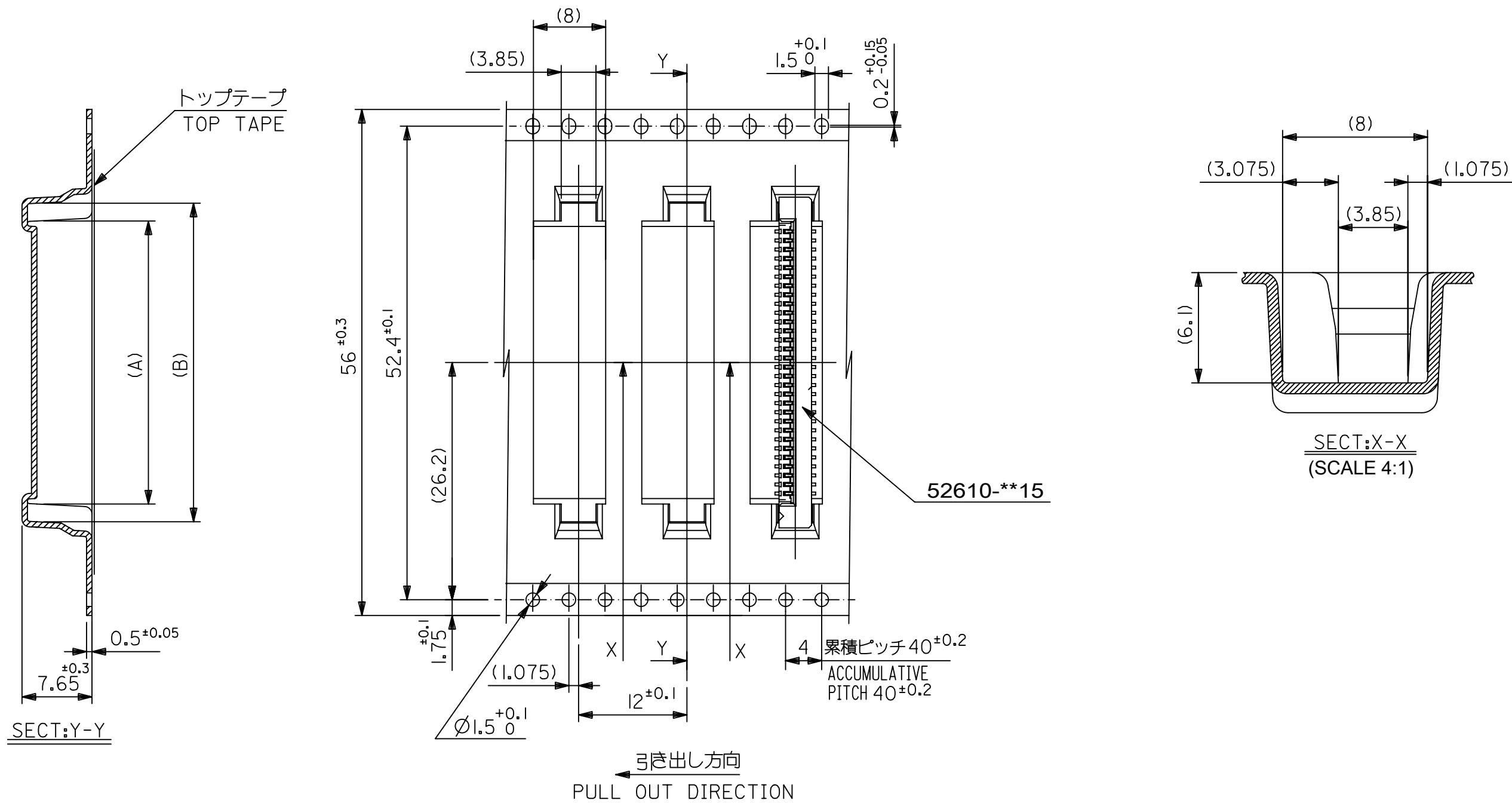
SERIES 52610	MATERIAL NUMBER SEE CHART	CUSTOMER GENERAL
DOCUMENT NUMBER 526100000	DOC TYPE PSD	DOC PART 000
SHEET NUMBER 3 OF 5		



44	49.4	45.4	31.25	27.32	52610-2672	26
			30.25	26.32	52610-2572	25
			29.25	25.32	52610-2472	24
			28.25	24.32	52610-2372	23
			27.25	23.32	52610-2272	22
			26.25	22.32	52610-2172	21
			25.25	21.32	52610-2072	20
			24.25	20.32	52610-1972	19
			23.25	19.32	52610-1872	18
			22.25	18.32	52610-1772	17
			21.25	17.32	52610-1672	16
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CKT

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
RELEASED	EC NO: 106044 DRWN: YMIZUNO02 CHK'D: YKOBAYASHI02 APPR: TKUSUHARA01	2016/10/12 2016/12/28 2016/12/28	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® 1.0 FPC CONN ZIF ASSY SMT ST EMBSTP PKG					
			ANGULAR TOL ± 3.0 °		MM		---							
					DRWN BY		DATE							
			4 PLACES	± 0.2	YMIZUNO02		2016/10/12							
			3 PLACES	± 0.2	CHK'D BY		DATE							
			2 PLACES	± 0.2	YKOBAYASHI02		2016/12/28							
			1 PLACE	± 0.2	APPR BY		DATE		PRODUCT CUSTOMER DRAWING					
			0 PLACES	± 0.2	TKUSUHARA01		2016/12/28							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION						SERIES	
			A	REV		A3			52610		SEE CHART		GENERAL	
						DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER		
						526100000		PSD		000		4 OF 5		

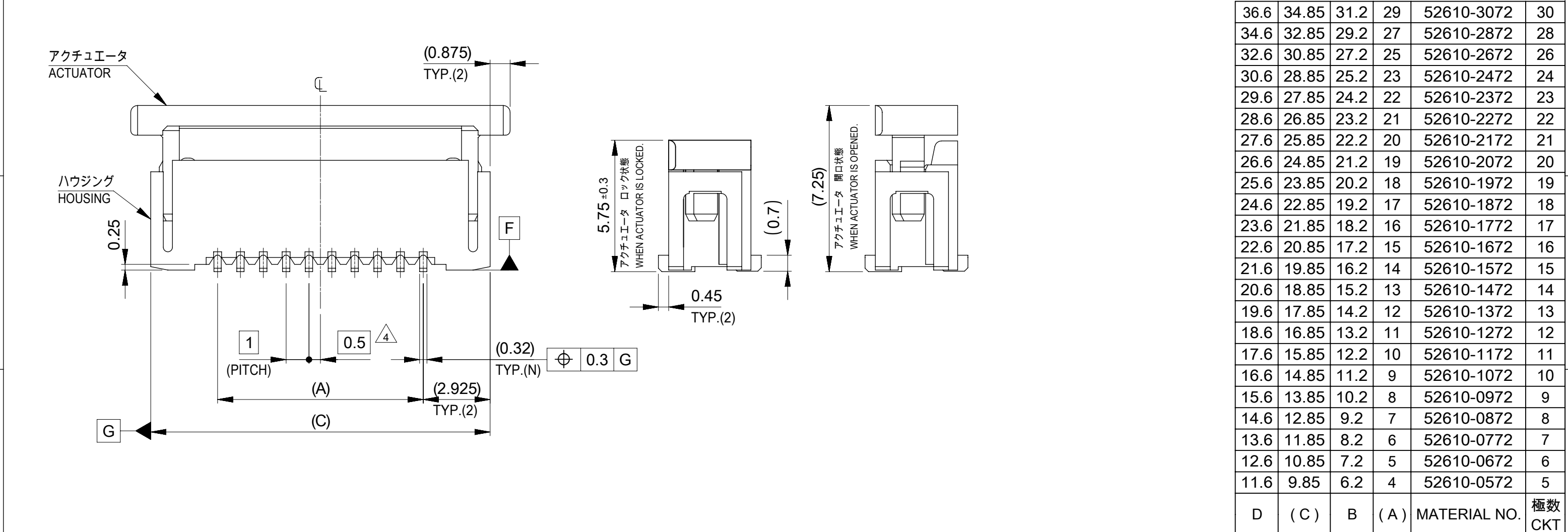
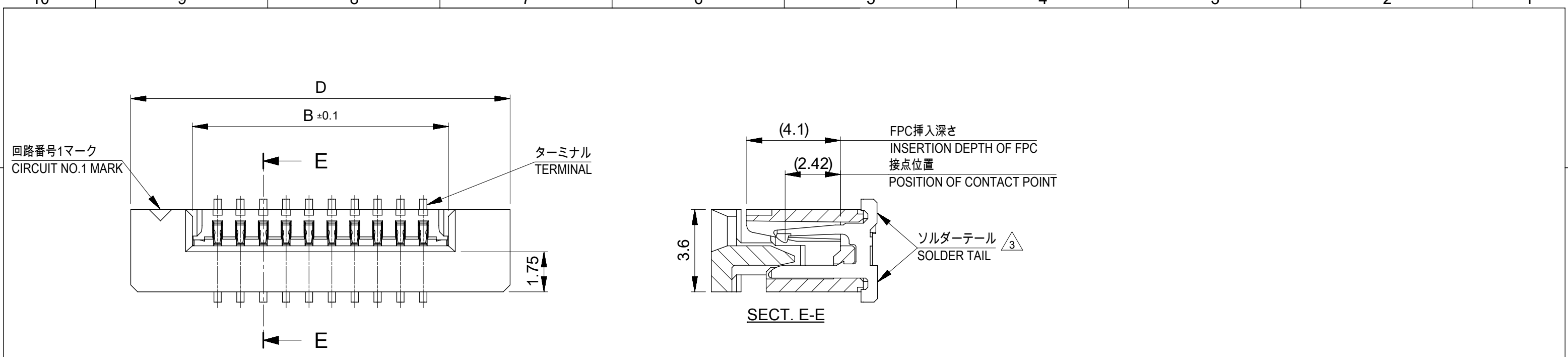
RELEASE STATUS	RELEASE DATE
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56	61.4	57.4	35.25	31.32	52610-3072	30
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CKT

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RELEASED EC NO: 106044 DRWN: YMIZUNO02 CHK'D: YKOBAYASHI02 APPR: TKUSUHARA01	2016/10/12	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® 1.0 FPC CONN ZIF ASSY SMT ST EMBSTP PKG					
	2016/12/28			MM		---							
	2016/12/28	ANGULAR TOL ± 3.0 °		DRWN BY		DATE		PRODUCT CUSTOMER DRAWING SERIES52610MATERIAL NUMBERSEE CHARTCUSTOMERGENERAL DOCUMENT NUMBER526100000DOC TYPEPSDDOC PART000SHEET NUMBER5 OF 5					
	4 PLACES	± 0.2	YKOBAYASHI02		2016/10/12								
		3 PLACES	± 0.2	CHK'D BY		DATE							
			2 PLACES	± 0.2	YKOBAYASHI02		2016/12/28						
				1 PLACE	± 0.2	APPR BY							DATE
	0 PLACES	± 0.2	TKUSUHARA01		2016/12/28								
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION							
	A	REV			A3								

RELEASE STATUS	RELEASE DATE
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36.6	34.85	31.2	29	52610-3072	30
34.6	32.85	29.2	27	52610-2872	28
32.6	30.85	27.2	25	52610-2672	26
30.6	28.85	25.2	23	52610-2472	24
29.6	27.85	24.2	22	52610-2372	23
28.6	26.85	23.2	21	52610-2272	22
27.6	25.85	22.2	20	52610-2172	21
26.6	24.85	21.2	19	52610-2072	20
25.6	23.85	20.2	18	52610-1972	19
24.6	22.85	19.2	17	52610-1872	18
23.6	21.85	18.2	16	52610-1772	17
22.6	20.85	17.2	15	52610-1672	16
21.6	19.85	16.2	14	52610-1572	15
20.6	18.85	15.2	13	52610-1472	14
19.6	17.85	14.2	12	52610-1372	13
18.6	16.85	13.2	11	52610-1272	12
17.6	15.85	12.2	10	52610-1172	11
16.6	14.85	11.2	9	52610-1072	10
15.6	13.85	10.2	8	52610-0972	9
14.6	12.85	9.2	7	52610-0872	8
13.6	11.85	8.2	6	52610-0772	7
12.6	10.85	7.2	5	52610-0672	6
11.6	9.85	6.2	4	52610-0572	5
D	(C)	B	(A)	MATERIAL NO.	極数 CKT

A

- 5.エンボステーパ梱包時は、アクチュエータがロックした状態とする。
IN THE PACKAGE, ACTUATOR SHOULD BE LOCKED.
- 6.本製品は52610シリーズの接点金めっき品である。
THIS PRODUCT IS Au-CONTACT OF 52610 SERIES.

B

- 3.ソルダータール半田付け面のズレ量は、基準面 **F** に対し
上方向0.05MAX.、下方向0.15MAX.とする。
MISALIGNMENT OF SOLDER TAILS FROM **F** UPPER DIREVTION : 0.05 MAX.
LOWER DIRECTION :0.15 MAX.

- 4.偶数極に適用。

APPLY FOR EVEN CIRCUIT.

注記(NOTES):

1.材質 MATERIAL

ハウジング：46ナイロン、ガラス充填、UL94V-0、ナチュラル(白色)
アクチュエータ：PPS、ナチュラル(茶色)、ガラス充填、UL94V-0
ターミナル：リン青銅(t=0.32)
HOUSING：46NYLON, GLASS FILLED, UL94V-0, NATURAL(WHITE)
ACTUAOR：PPS, NATURAL(BROWN), GLASS FILLED, UL94V-0
TERMINAL：PHOSPHOR BRONZE(t=0.32)

2.めっき仕様 PLATING

ターミナル TERMINAL

接点部：金めっき(0.1μm以上)
テール部：錫めっき(1.0μm以上)
下地：ニッケルめっき(1.0μm以上)
CONTACT：GOLD PLATING (0.1 MICROMETER MINIMUM)
TAIL：MATTE TIN (1.0 MICROMETER MINIMUM)
UNDER PLATE：NICKEL PLATING (1.0 MICROMETER MINIMUM)

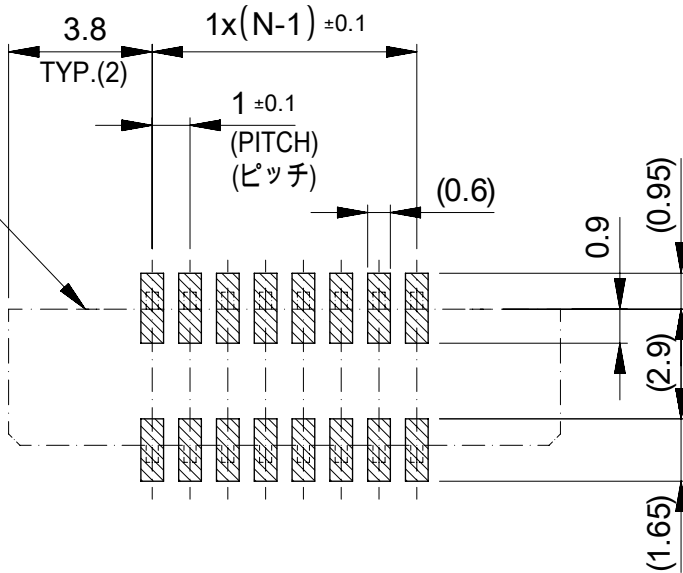
C

D

E

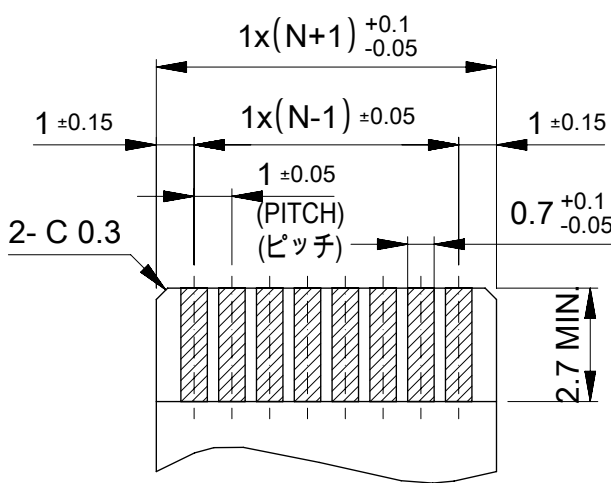
F

コネクタ位置
CONNECTOR
LOCATION



参考基盤レイアウト
RECOMMENDED P.C.BOARD
PATTERN LAYOUT (REFERENCE)

マスク厚：120μm
マスク開口率：100%
SCREEN THICKNESS：120 MICROMETER
SCREEN OPEN RATIO：100%



適合FPC/FFC推奨寸法
APPLICABLE FPC/FFC
RECOMMENDED DIMENSION
(仕上がり厚さ：0.3±0.05)
(THICKNESS：0.3±0.05)

FPC構成推奨仕様
RECOMMENDED STRUCTURE OF FPC

補強板：ポリイミド
REINFORCE BOARD: POLYIMIDE
熱硬化接着剤
THERMOSETTING ADHESIVE
ベースフィルム：ポリイミド(25μm)
BASE FILM: POLYIMIDE(25μm)
熱硬化接着剤
THERMOSETTING ADHESIVE
導体部：銅箔(35 or 50μm)
COPPER FOIL (35 or 50μm)
熱硬化接着剤
THERMOSETTING ADHESIVE
カバーレイ：ポリイミド(25μm)
COVER FILM: POLYIMIDE(25μm)

めっき：金めっき(0.2μm)
下地ニッケル(1-5μm)
PLATING: GOLD(0.2μm)
NICKEL UNDER(1-5μm)

0.3 ±0.05
仕上がり厚さ
THICKNESS

FFC構成推奨仕様
RECOMMENDED STRUCTURE OF FFC

補強板：ポリエステル系
REINFORCE BOARD: PET
接着剤(難燃ポリエステル系)
ADHESIVE (FLAME-RETARDANT
POLYESTER ADHESIVE)
絶縁テープ：ポリエステル系(25μm)
INSULATING FILM: PET(25μm)
接着剤(難燃ポリエステル系)
ADHESIVE (FLAME-RETARDANT
POLYESTER ADHESIVE)
導体部：銅箔(35 or 50μm)
COPPER FOIL (35 or 50μm)
接着剤(難燃ポリエステル系)
ADHESIVE (FLAME-RETARDANT
POLYESTER ADHESIVE)
絶縁テープ：ポリエステル系(25μm)
INSULATING FILM: PET(25μm)

めっき：金めっき(0.2μm)
下地ニッケル(1-5μm)
PLATING: GOLD(0.2μm)
NICKEL UNDER(1-5μm)

0.3 ±0.05
仕上がり厚さ
THICKNESS

FPC/FFCについて：

抜き方向は、導体側から補強板側を推奨致します。
尚、接着剤の接点部への付着は導通不良の原因になりますので、
染み出しが無い様お願い致します。

ABOUT FPC/FFC:

RECOMMENDED PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFNER SIDE
PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND
BECAUSE THERE IS A POSSIBILITY THAT THE EXTRA ADHESIVE
CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.

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DIMENSION UNITS		SCALE		CURRENT REV DESC:					molex						
mm		---													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 745355 DRWN: RAJMOK 2023/04/06 CHK'D: HSHIMOYAMA 2023/04/07 APPR: HSHIMOYAMA 2023/04/07 INITIAL REVISION: DRWN: YMIZUNO02 2016/10/12 APPR: TKUSUHARA01 2016/12/28					1.0 FPC CONN ZIF S/T HOUSING ASSY						
ANGULAR TOL ± 3.0 °									PRODUCT CUSTOMER DRAWING						
4 PLACES ± 0.03															
3 PLACES ± 0.03															
2 PLACES ± 0.05															
1 PLACE ± 0.1									DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION
0 PLACES ± 0.2									526101000				PSD	000	C
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						A3-SIZE	52610	SEE SHEET-1		GENERAL		2 OF 2			

A

B

C

D

E

F