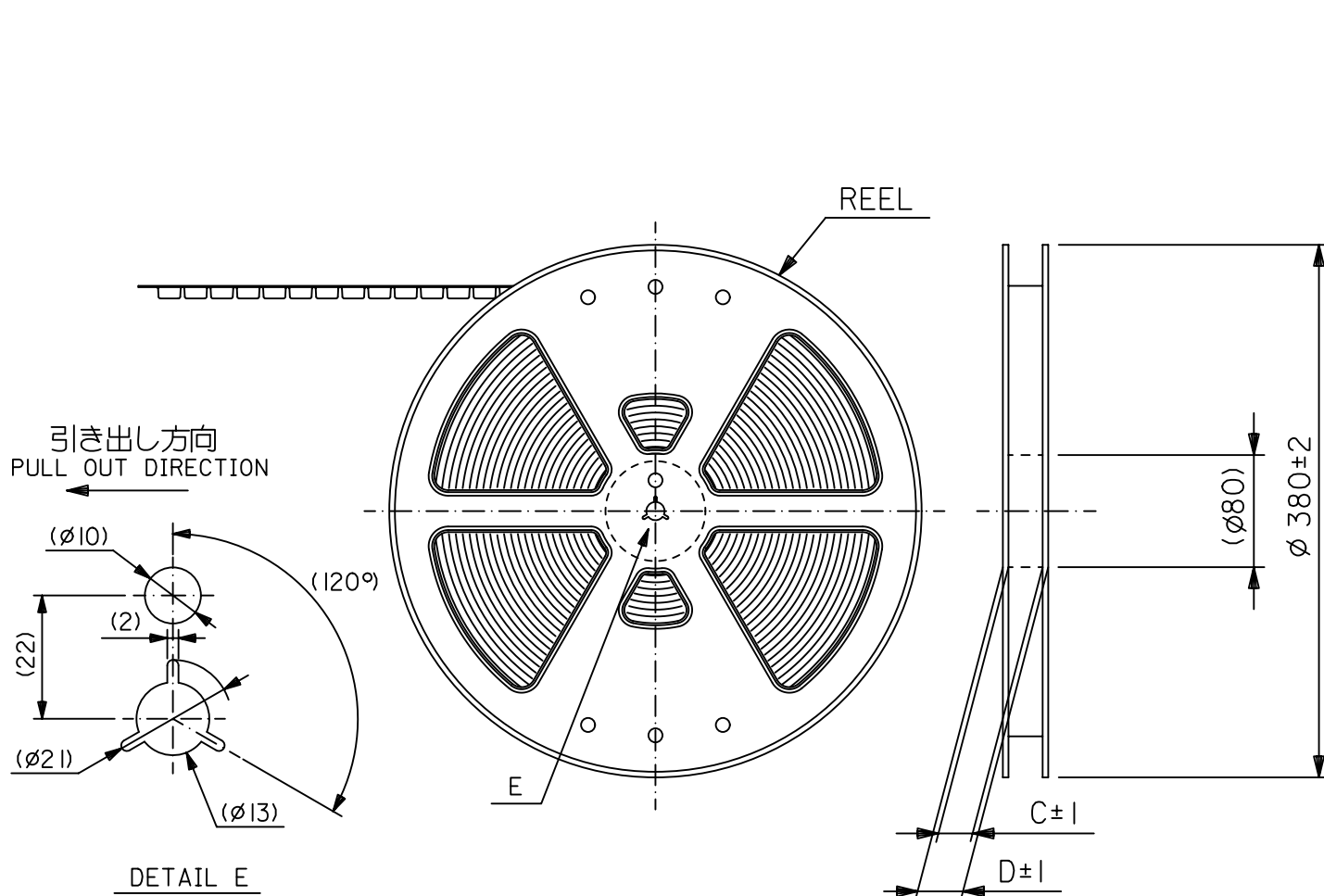
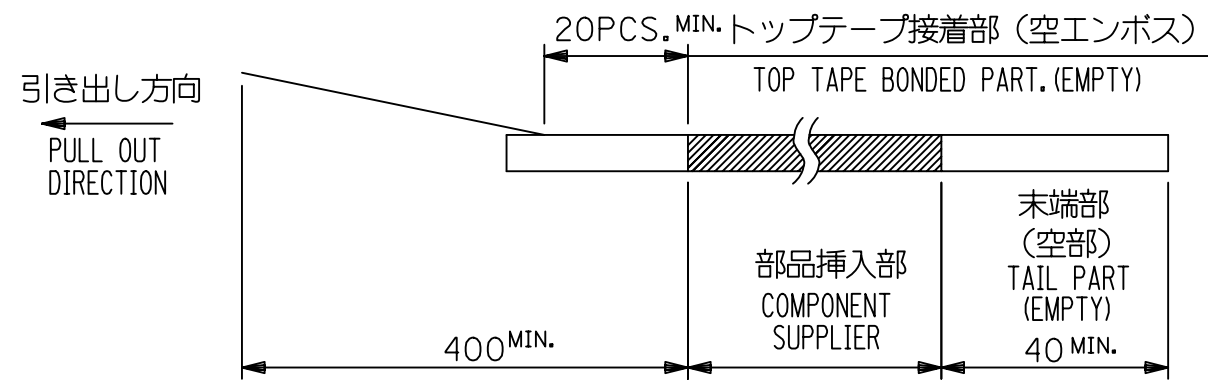




NOTE

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



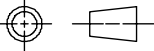
3.52610-**15のアクチュエータはハウジング内に押し下げた状態とする。
詳細寸法については図面 526101000 PSD 000 を参照下さい。
ACTUATOR OF PART NO. 52610-**15 SHOULD BE LOCKED.
RE DETAILD DIMENSIONS, SEE 526101000 PSD 000.

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>

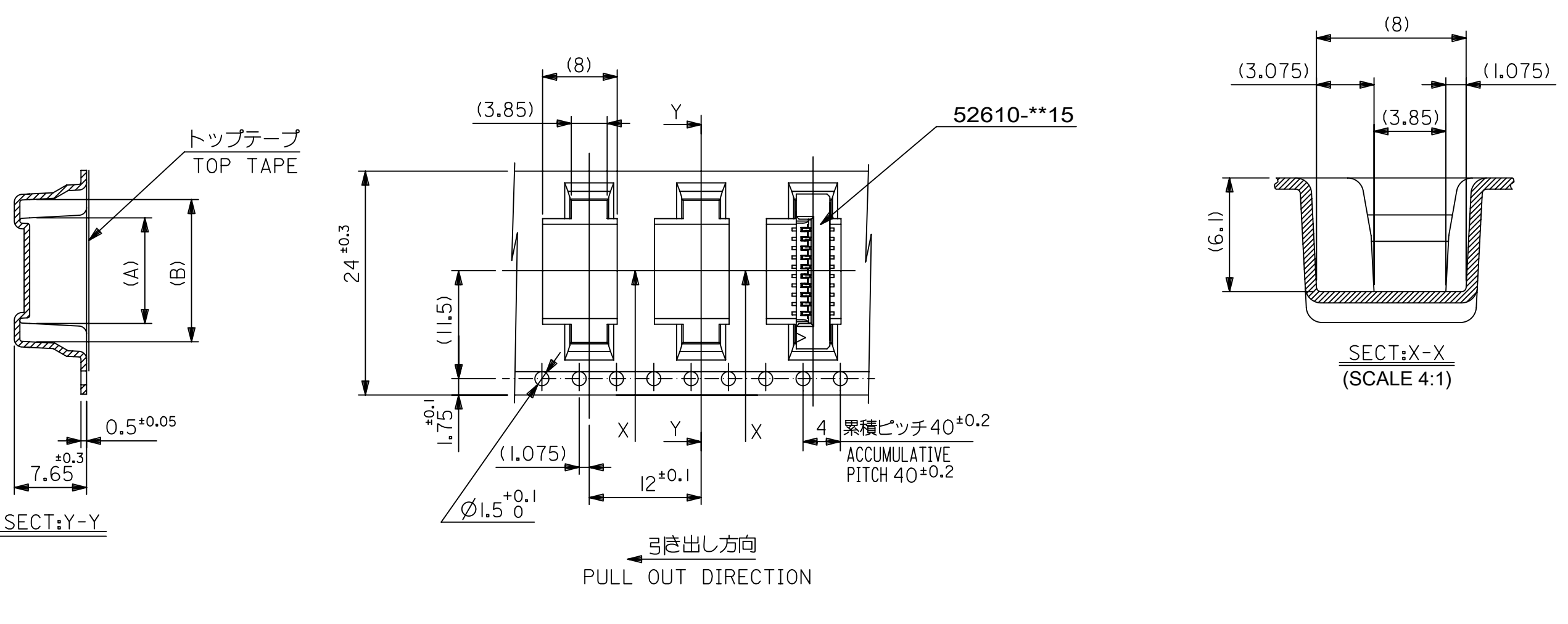
5.本製品は52610シリーズの接点金めっき品である。
THIS PRODUCT IS Au-CONTACT OF 52610 SERIES.

6.本製品は乾燥剤入り、ハイバリア梱包仕様である。
THIS PRODUCT ISHIGH BARRIER PACKAGE WITH DESICCANT.

MODEL NO. 52610-**72

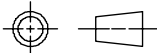
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
RELEASED	EC NO: 106044 DRWN: YMIZUNO02 CHK'D: YKOBAYASHI02 APPR: TKUSUHARA01	2016/10/12 2016/12/28 2016/12/28	GENERAL TOLERANCES (UNLESS SPECIFIED)			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			
	0 PLACES	±	0.2	TKUSUHARA01			2016/12/28					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRAWING SIZE	THIRD ANGLE PROJECTION			PRODUCT CUSTOMER DRAWING				
	A	REV				A3				SERIES	MATERIAL NUMBER	CUSTOMER
						52610	SEE CHART			GENERAL		
						DOCUMENT NUMBER			DOC TYPE	DOC PART	SHEET NUMBER	
						526100000			PSD	000	1 OF 5	

RELEASE STATUS	RELEASE DATE

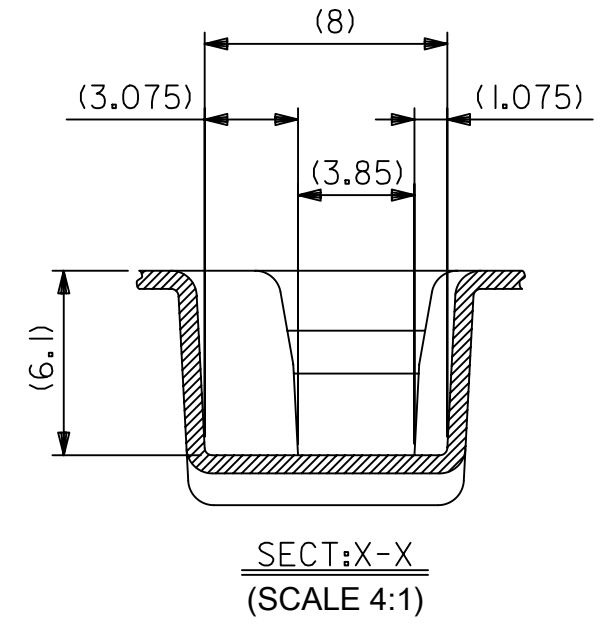
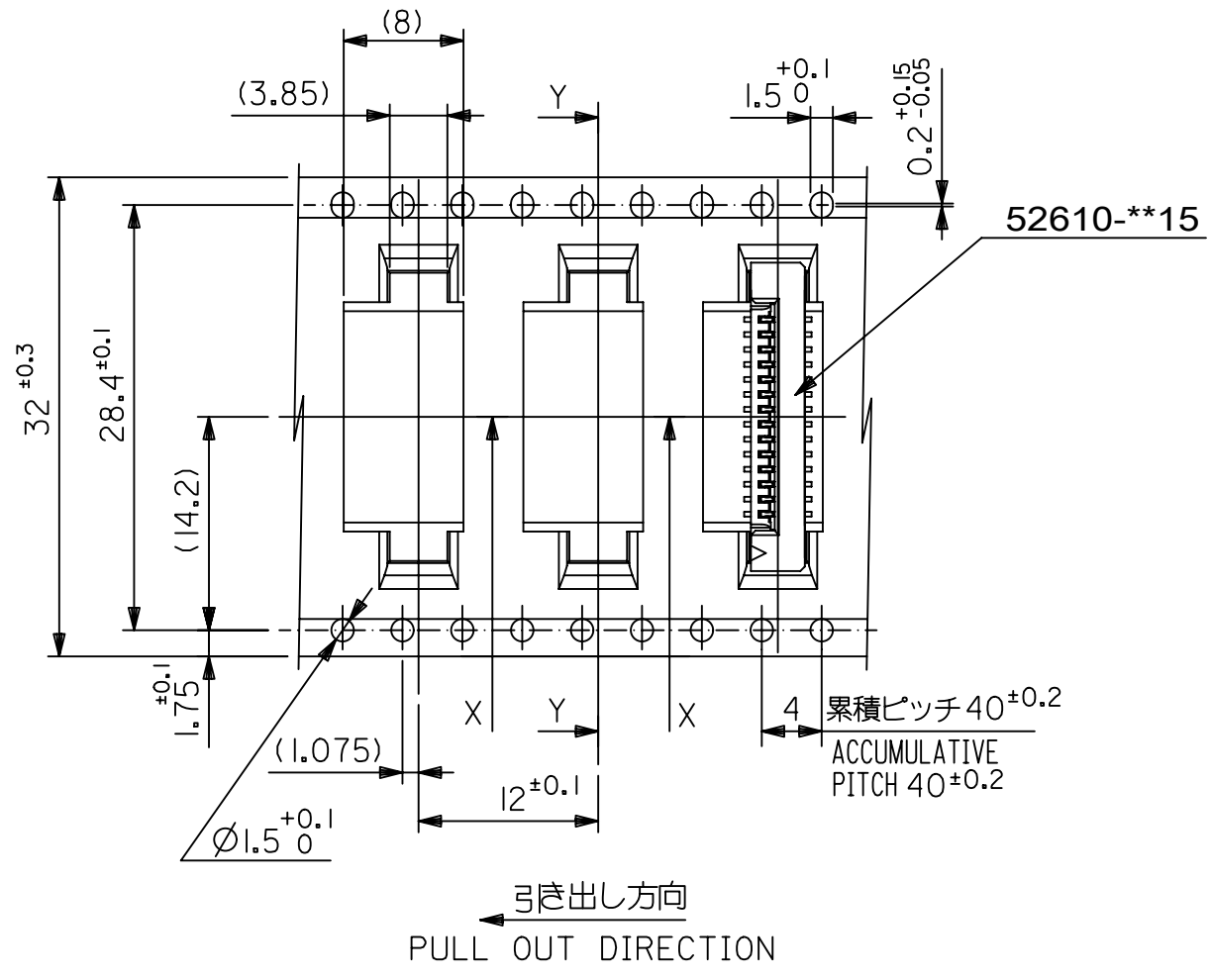
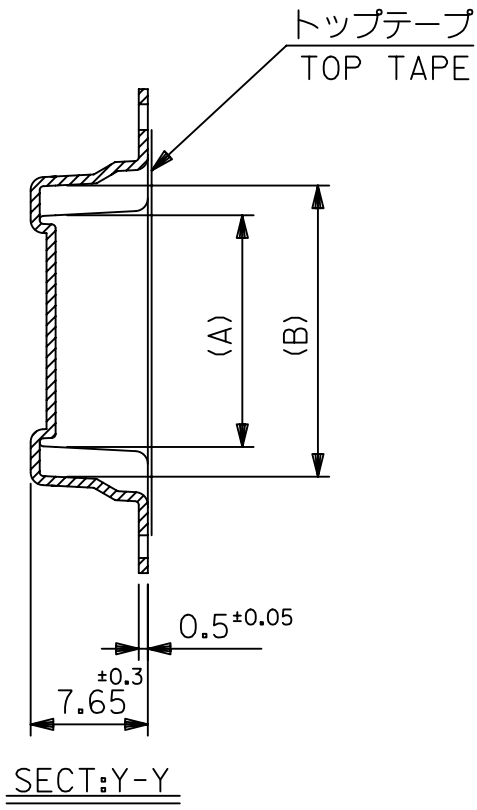


24	29.4	25.4	15.25	11.32	52610-1072	10
			14.25	10.32	52610-0972	9
			13.25	9.32	52610-0872	8
			12.25	8.32	52610-0772	7
			11.25	7.32	52610-0672	6
			10.25	6.32	52610-0572	5
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CKT

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)		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		PRODUCT CUSTOMER DRAWING				
			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			SERIES	MATERIAL NUMBER		CUSTOMER	
					A3				52610	SEE CHART		GENERAL	
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

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL $\pm 3.0^\circ$

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

MM

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

SCALE

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

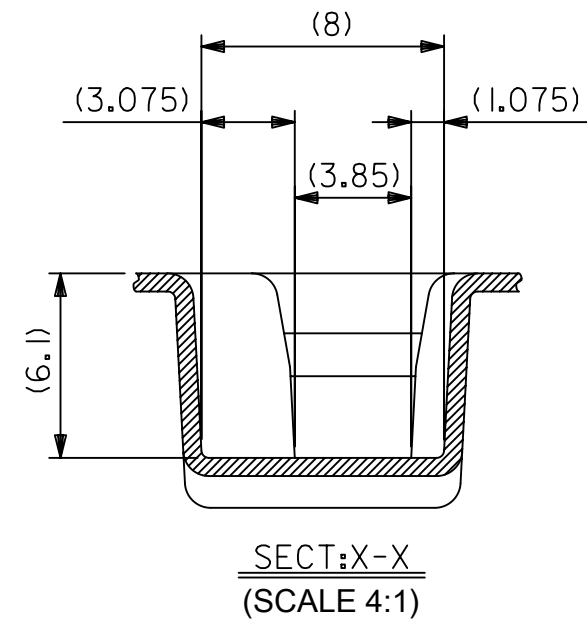
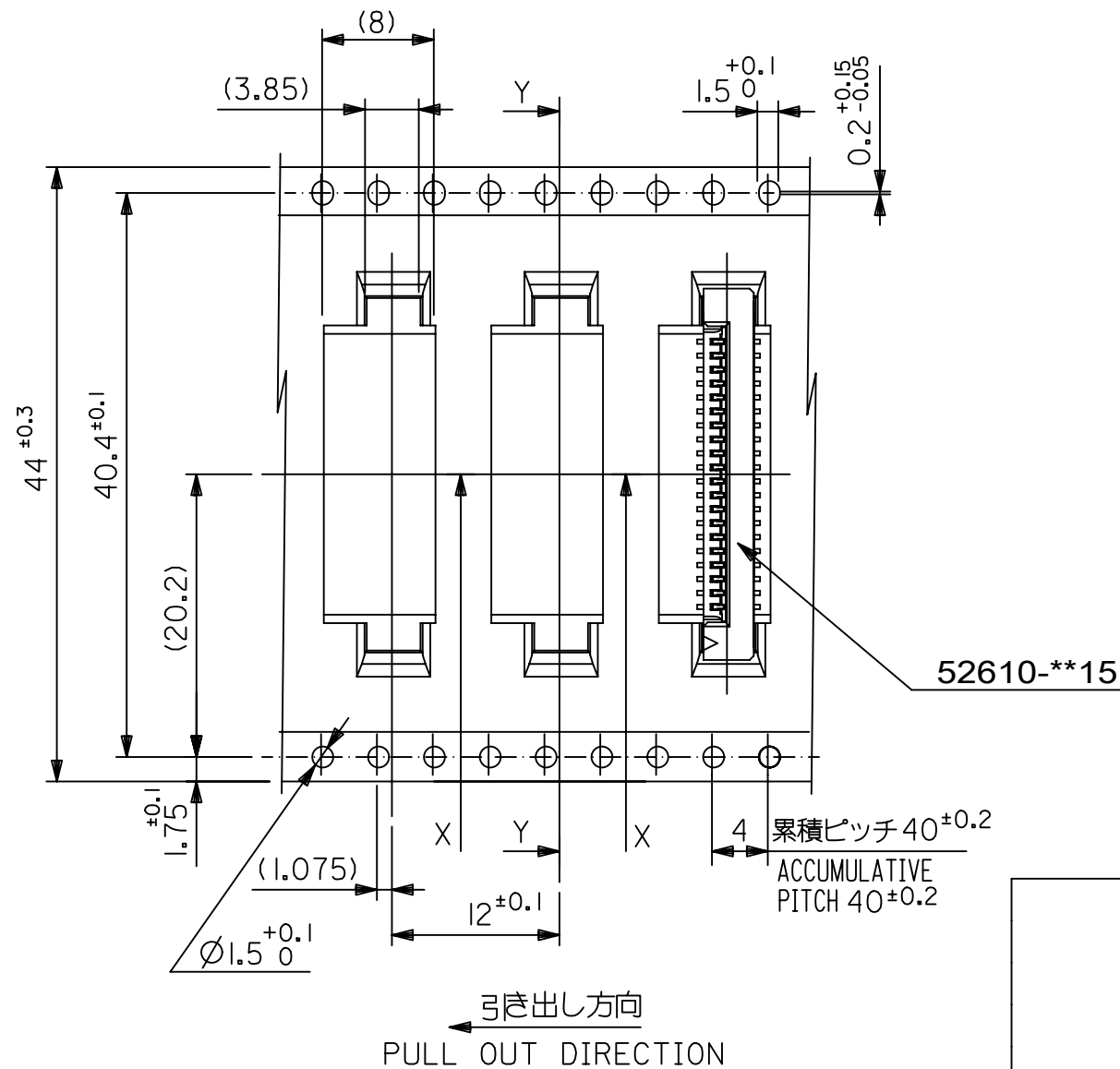
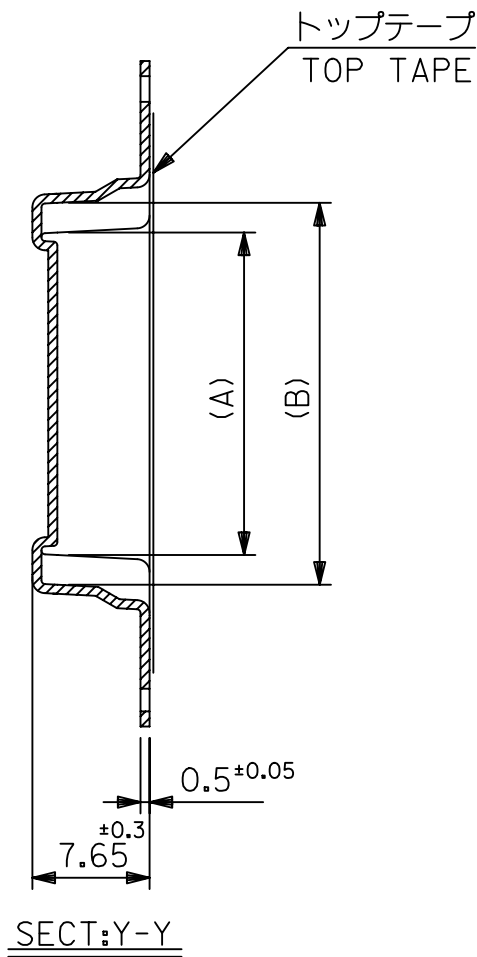
DOC PART

000

SHEET NUMBER

3 OF 5

RELEASE STATUS		RELEASE DATE	
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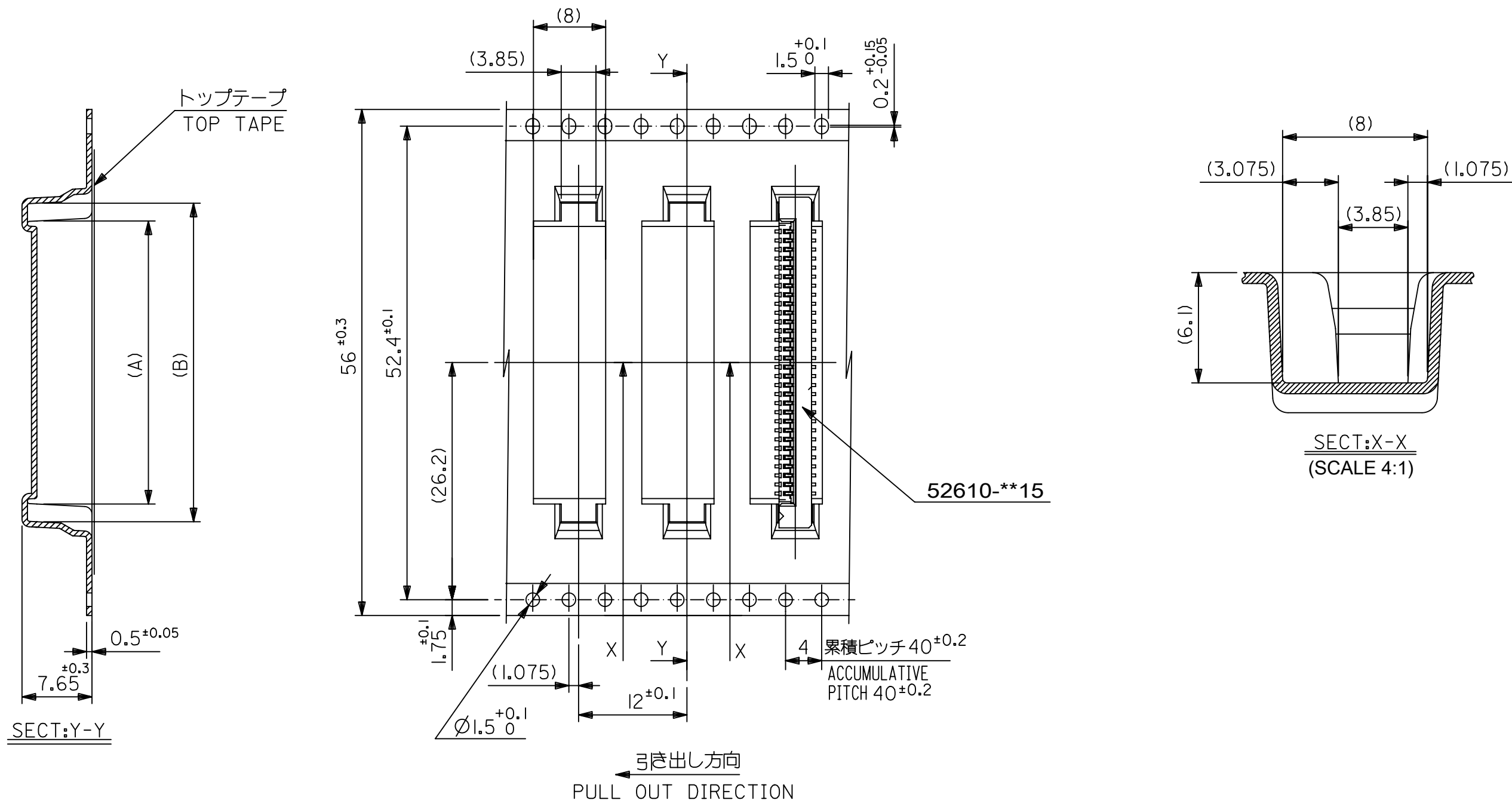


44	49.4	45.4	31.25	27.32	52610-2672	26
			30.25	26.32	52610-2572	25
			29.25	25.32	52610-2472	24
			28.25	24.32	52610-2372	23
			27.25	23.32	52610-2272	22
			26.25	22.32	52610-2172	21
			25.25	21.32	52610-2072	20
			24.25	20.32	52610-1972	19
			23.25	19.32	52610-1872	18
			22.25	18.32	52610-1772	17
			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

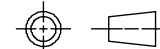
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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	---					
		4 PLACES	± 0.2	DRWN BY	DATE					
		3 PLACES	± 0.2	YMIZUNO02	2016/10/12	PRODUCT CUSTOMER DRAWING				
		2 PLACES	± 0.2	CHK'D BY	DATE					
		1 PLACE	± 0.2	YKOBAYASHI02	2016/12/28					
		0 PLACES	± 0.2	APPR BY	DATE					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		TKUSUHARA01	2016/12/28					
				DRAWING SIZE	THIRD ANGLE PROJECTION	SERIES	MATERIAL NUMBER	CUSTOMER		
				A3		52610	SEE CHART	GENERAL		
A		REV			DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER	
					526100000		PSD	000	4 OF 5	

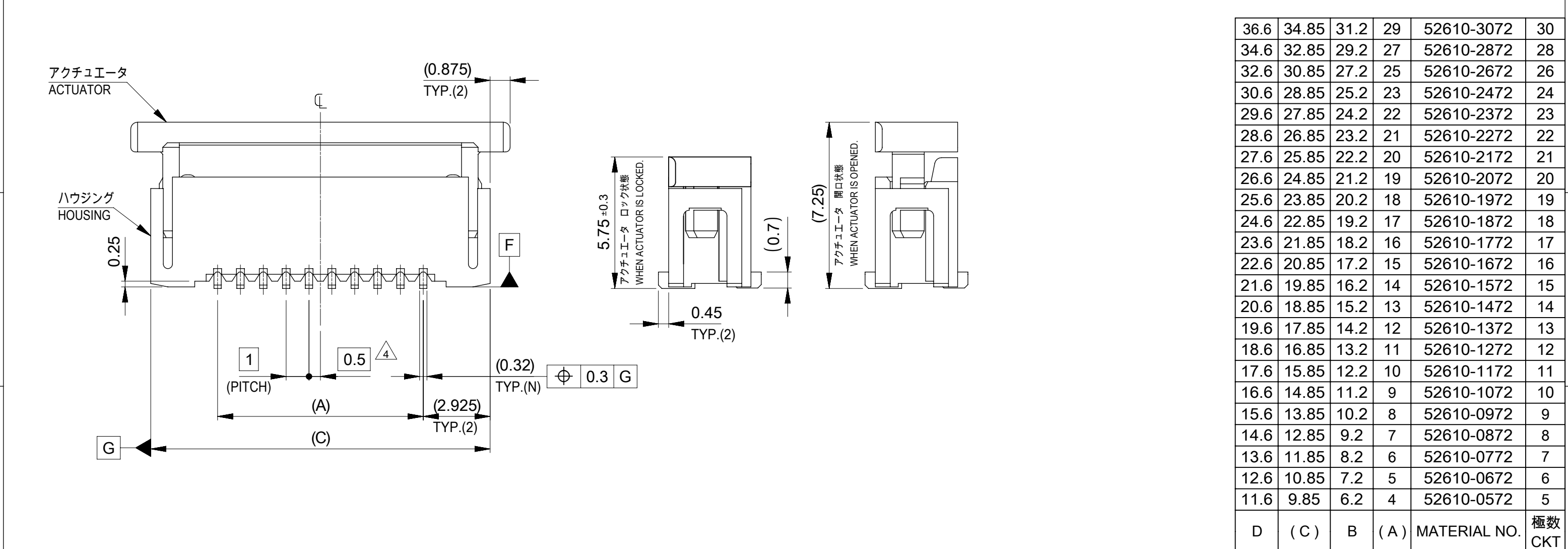
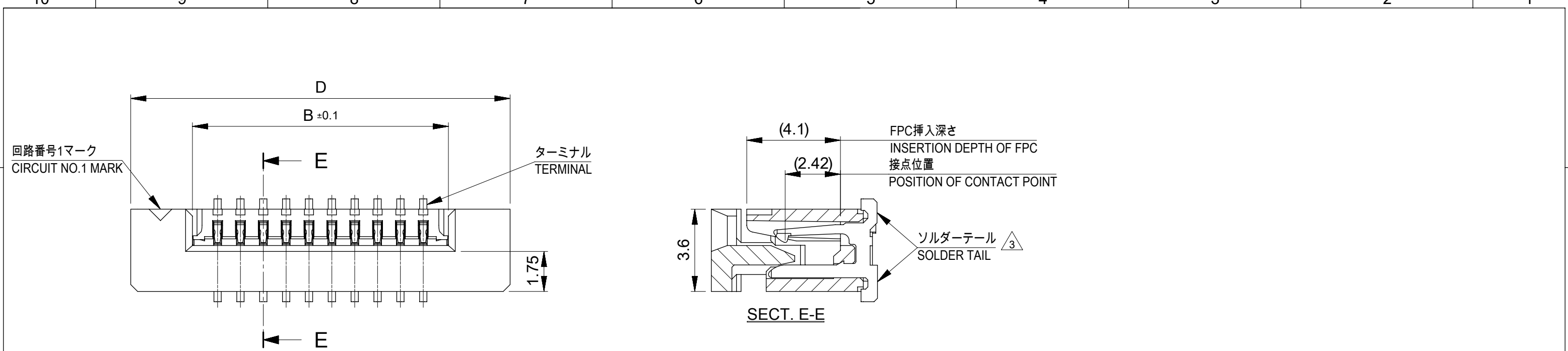
RELEASE STATUS		RELEASE DATE	
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56	61.4	57.4	35.25	31.32	52610-3072	30
			33.25	29.32	52610-2872	28
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CKT

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 MM		SCALE ---		molex® 1.0 FPC CONN ZIF ASSY SMT ST EMBSTP PKG				
	ANGULAR TOL ± 3.0 °				DRWN BY YMIZUNO02		DATE 2016/10/12							
	4 PLACES		± 0.2		CHK'D BY YKOBAYASHI02		DATE 2016/12/28		PRODUCT CUSTOMER DRAWING					
	3 PLACES		± 0.2		APPR BY TKUSUHARA01		DATE 2016/12/28							
	2 PLACES		± 0.2		DRAWING SIZE A3		THIRD ANGLE PROJECTION 		SERIES 52610		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL	
	1 PLACE		± 0.2						DOCUMENT NUMBER 526100000		DOC TYPE PSD		DOC PART 000	
	0 PLACES		± 0.2											
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													
	A	REV												

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

DIMENSION UNITS	SCALE
mm	---
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 3.0 °
4 PLACES	± 0.03
3 PLACES	± 0.03
2 PLACES	± 0.05
1 PLACE	± 0.1
0 PLACES	± 0.2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

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

INITIAL REVISION:
DRWN: YMIZUNO02
APPR: TKUSUHARA01

THIRD ANGLE PROJECTION

DRAWING
A3-SIZE

SERIES
52610

1.0 FPC CONN ZIF S/T HOUSING ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
526101000

DOC TYPE
PSD

DOC PART
000

REVISION
C

MATERIAL NUMBER
SEE TABLE

CUSTOMER
GENERAL

SHEET NUMBER
1 OF 2

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	± 0.2
10 OVER 30 UNDER	± 0.25
30 OVER	± 0.3

DOCUMENT STATUS

P1

RELEASE DATE

2023/04/07 10:47:37

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)

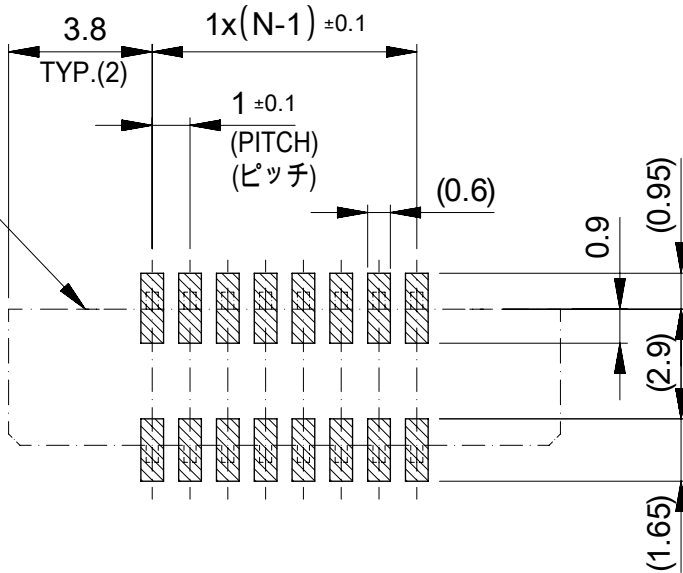
C

D

E

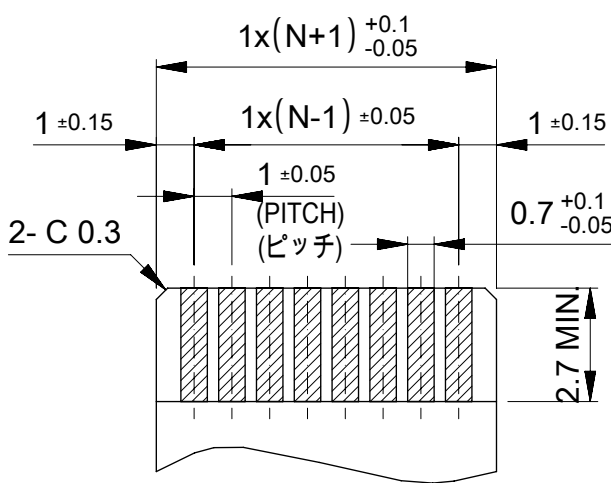
F

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)

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)

熱硬化接着剤

THERMOSETTING ADHESIVE

導体部：銅箔(35 or 50μm)

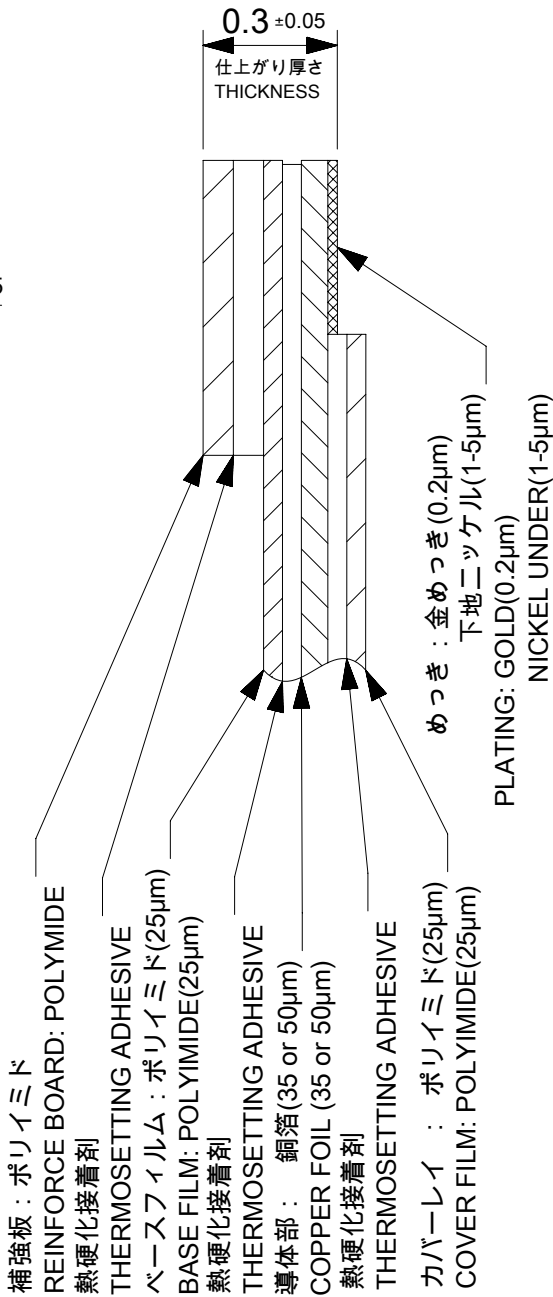
COPPER FOIL (35 or 50μm)

熱硬化接着剤

THERMOSETTING ADHESIVE

カバーレイ：ポリイミド(25μm)

COVER FILM: POLYIMIDE(25μm)



FPC構成推奨仕様

RECOMMENDED STRUCTURE OF FPC

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.

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

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)

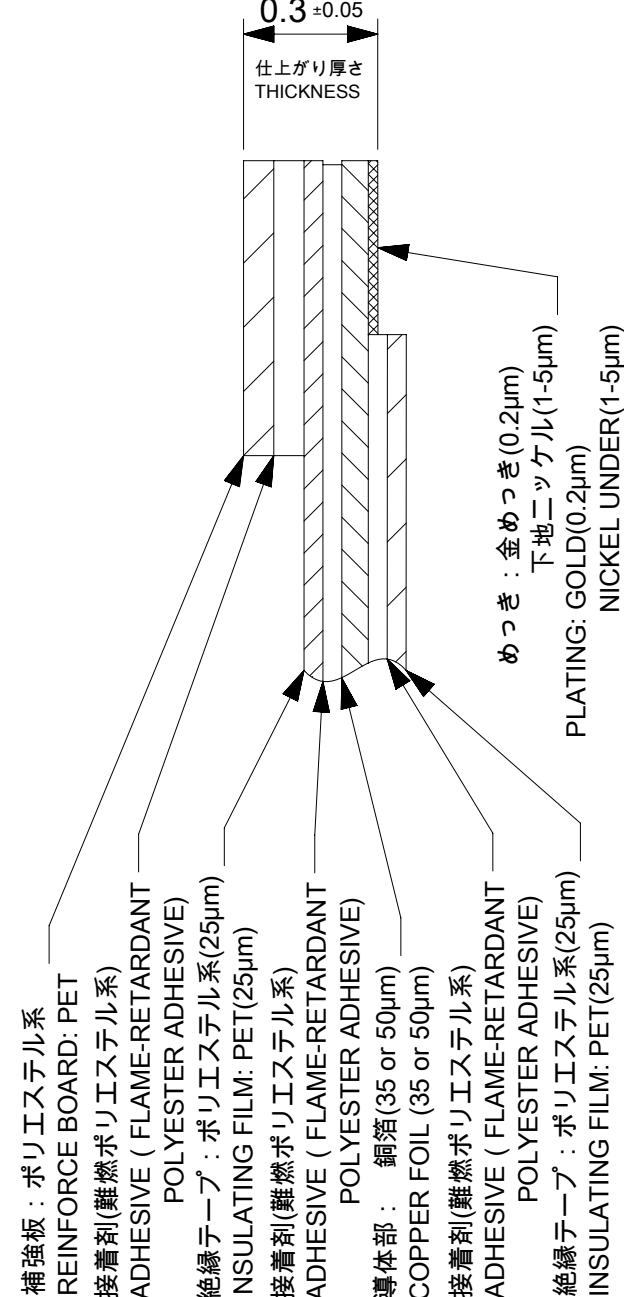
接着剤(難燃ポリエステル系)

ADHESIVE (FLAME-RETARDANT

POLYESTER ADHESIVE)

絶縁テープ：ポリエステル系(25μm)

INSULATING FILM: PET(25μm)



FFC構成推奨仕様

RECOMMENDED STRUCTURE OF FFC

molex

1.0 FPC CONN ZIF S/T HOUSING ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
526101000	PSD	000	C

A

B

C

D

E

F