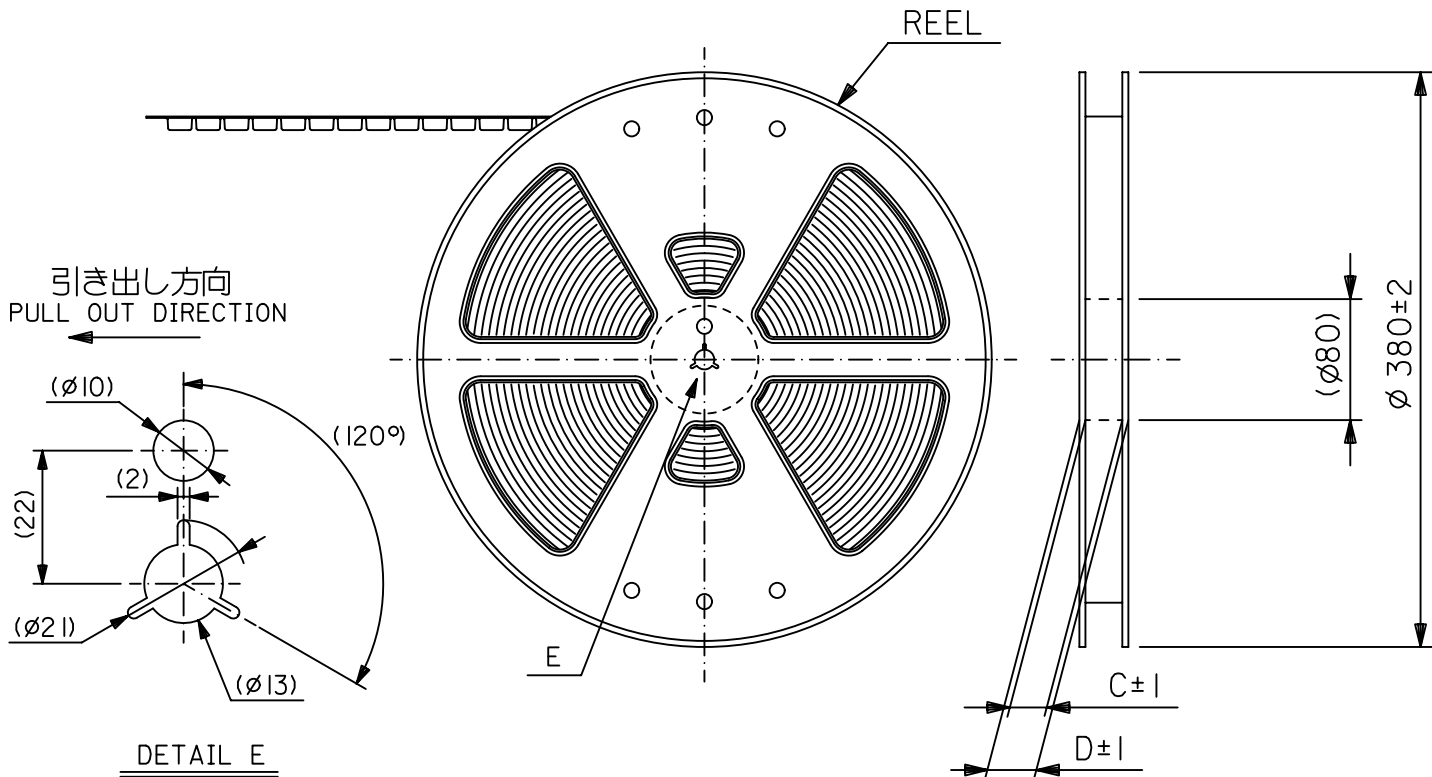
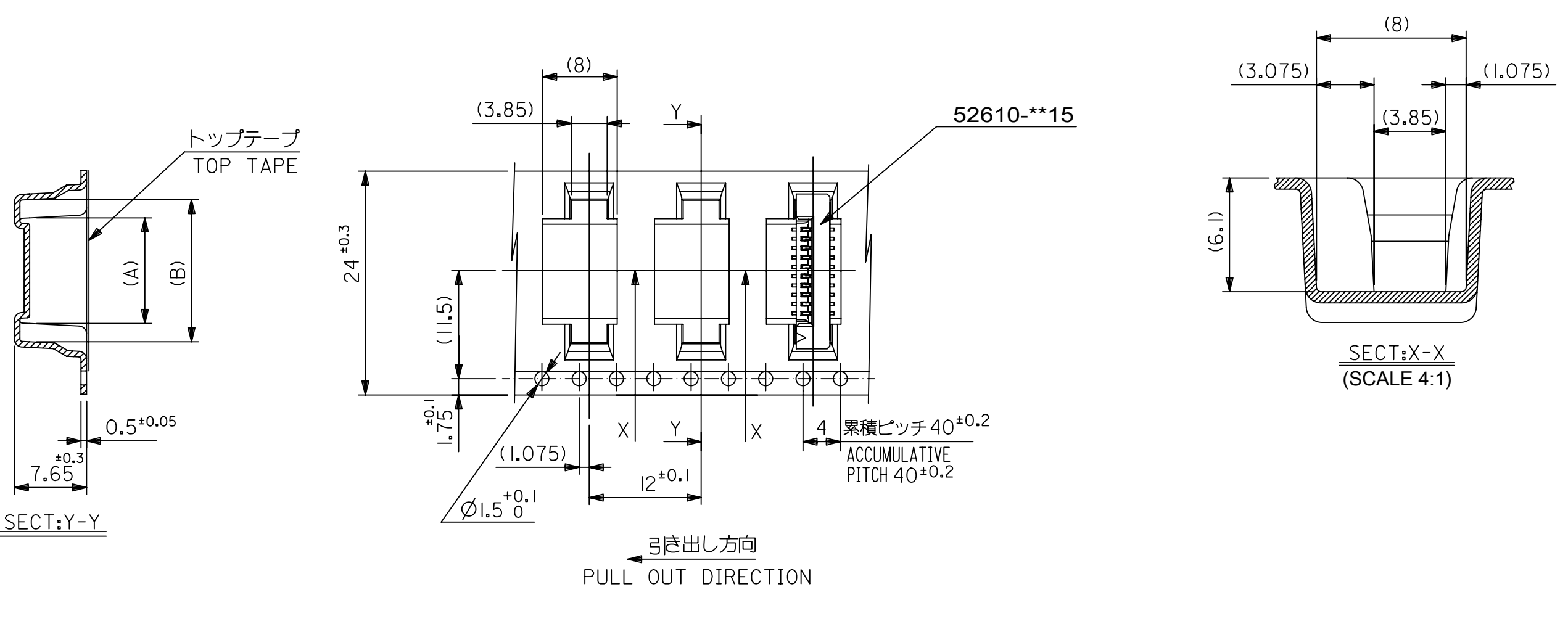


- NOTE
- 1.梱包数量：1000個/リール
NUMBER OF CONNECTORS：1000 PCS/REEL
- 2.リードテープ長さ LEAD TAPE LENGTH
- 引き出し方向
PULL OUT DIRECTION
- 20PCS. MIN. トップテープ接着部（空エンボス）
TOP TAPE BONDED PART. (EMPTY)
- 部品挿入部
COMPONENT SUPPLIER
- 末端部（空部）
TAIL PART (EMPTY)
40 MIN.
- 400 MIN.
- 3.52610-**15のアクチュエータはハウジング内に押し下げた状態とする。
詳細寸法については図面 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.

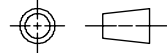
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																													
RELEASED	EC NO: 106044 DRWN: YMIZUNO02 CHK'D: YKOBAYASHI02 APPR: TKUSUHARA01	2016/10/12 2016/12/28 2016/12/28	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® 1.0 FPC CONN ZIF ASSY SMT ST EMBSTP PKG PRODUCT CUSTOMER DRAWING <table><tr><td>SERIES</td><td>MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td></tr><tr><td>52610</td><td>SEE CHART</td><td colspan="2">GENERAL</td></tr><tr><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>SHEET NUMBER</td></tr><tr><td colspan="2">526100000</td><td>PSD</td><td>000</td><td>1 OF 5</td></tr></table>			SERIES	MATERIAL NUMBER	CUSTOMER		52610	SEE CHART	GENERAL		DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER	526100000		PSD	000	1 OF 5
					SERIES	MATERIAL NUMBER	CUSTOMER																						
			52610	SEE CHART	GENERAL																								
			DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER																						
			526100000		PSD	000	1 OF 5																						
			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																													



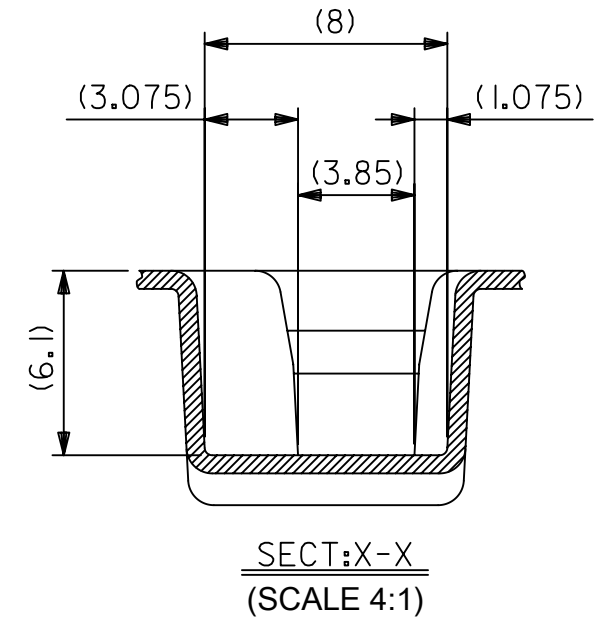
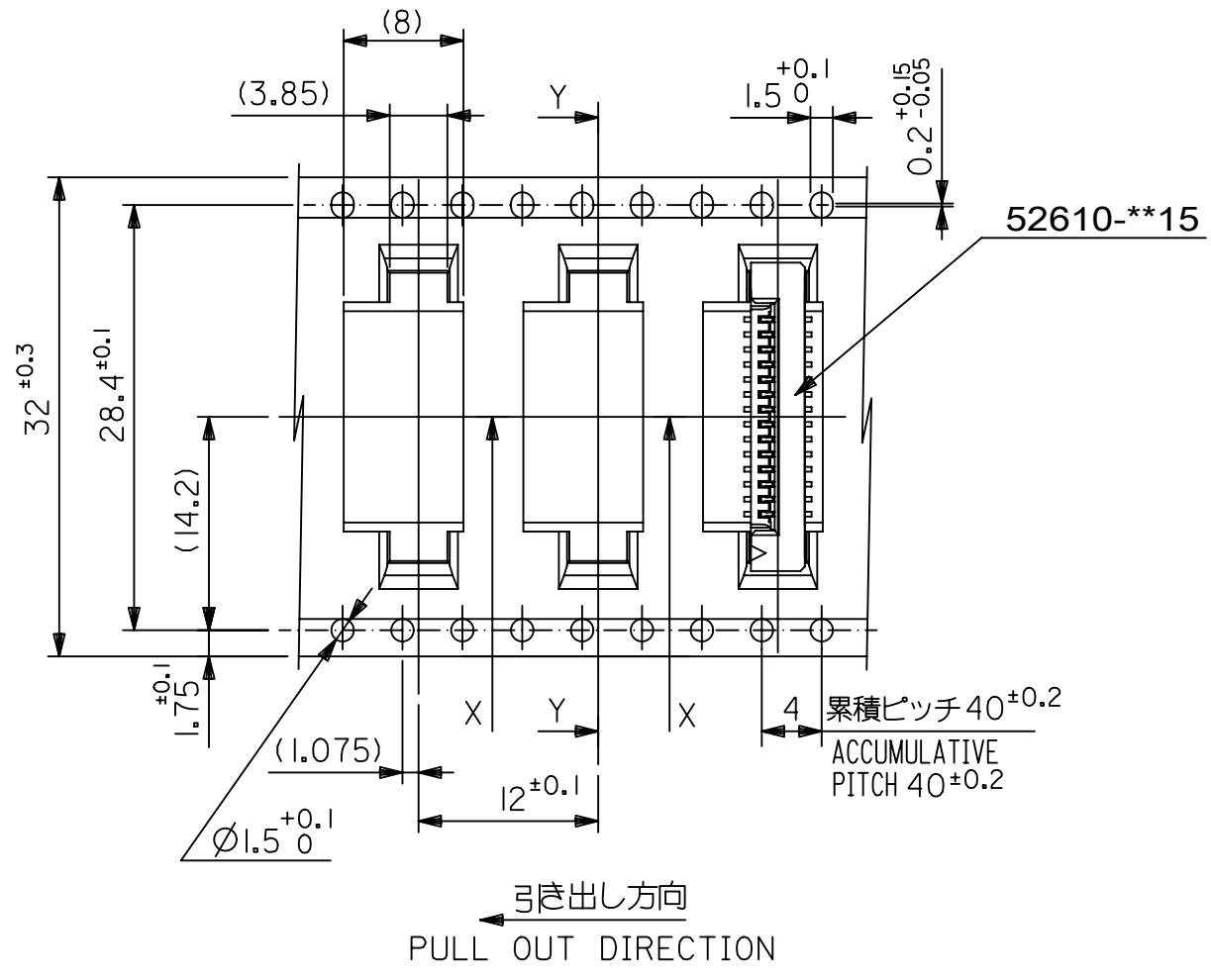
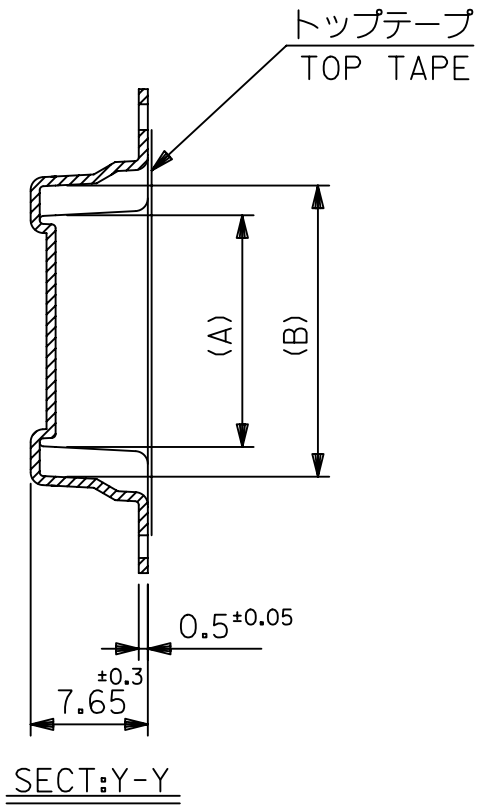
RELEASE STATUS		RELEASE DATE	
----------------	--	--------------	--



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) 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											
								A		REV				DRAWING SIZE		THIRD ANGLE PROJECTION		52610		SEE CHART		GENERAL	
						A3				DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER							
										526100000		PSD		000		2 OF 5							

RELEASE STATUS		RELEASE DATE	
----------------	--	--------------	--



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

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

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

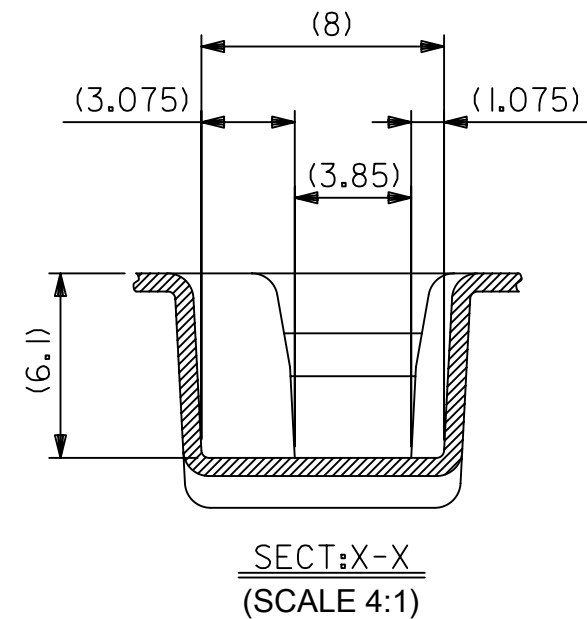
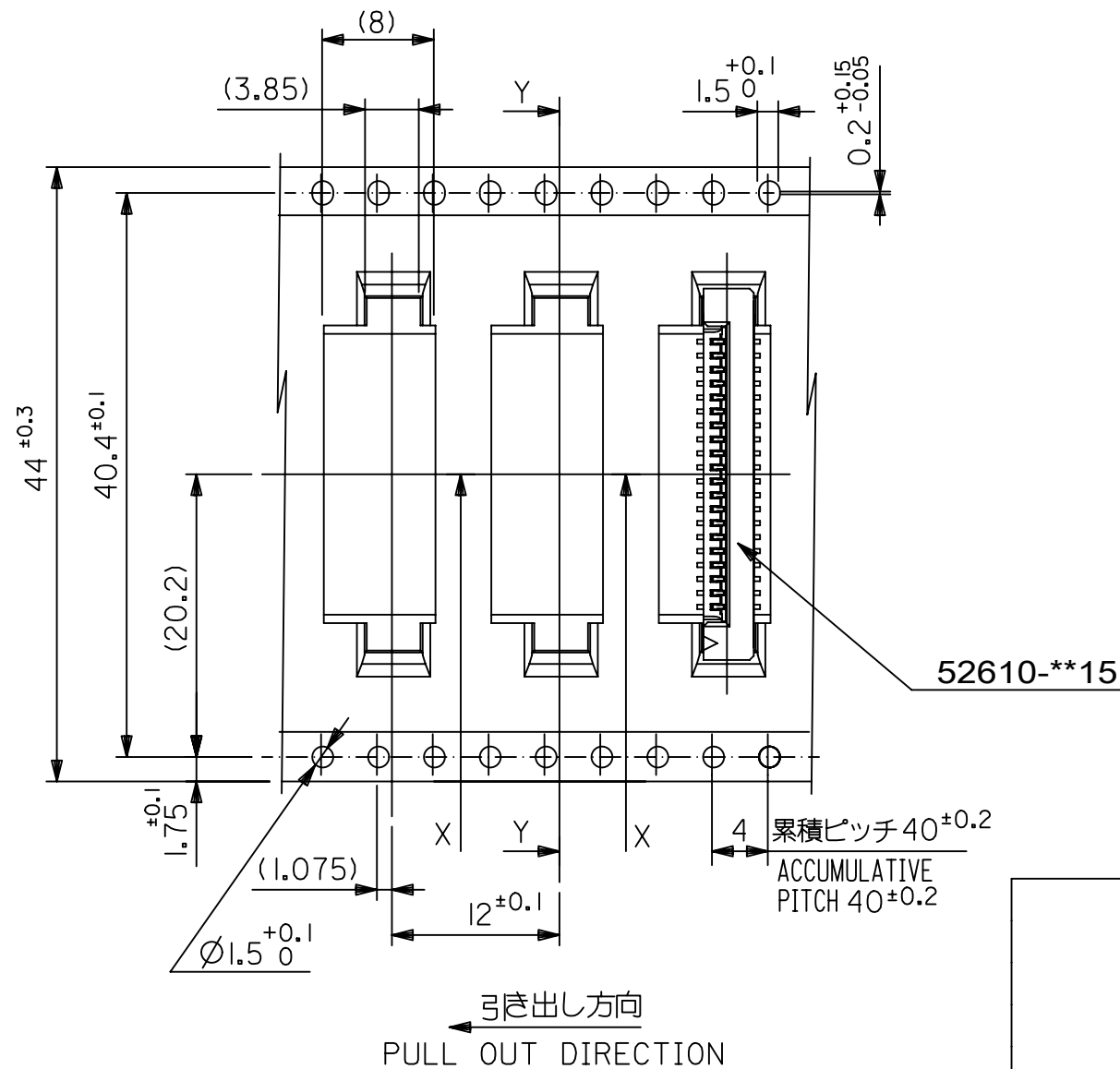
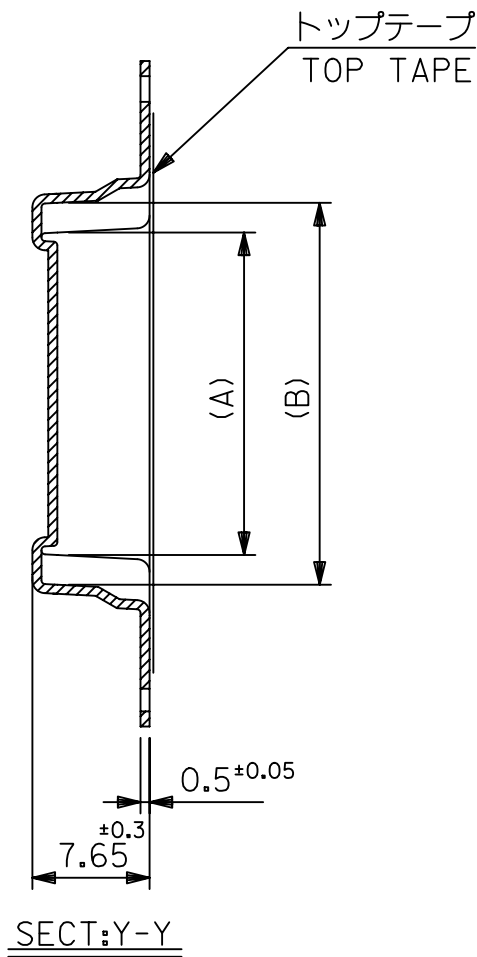
DOC PART

000

SHEET NUMBER

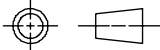
3 OF 5

RELEASE STATUS	RELEASE DATE
----------------	--------------

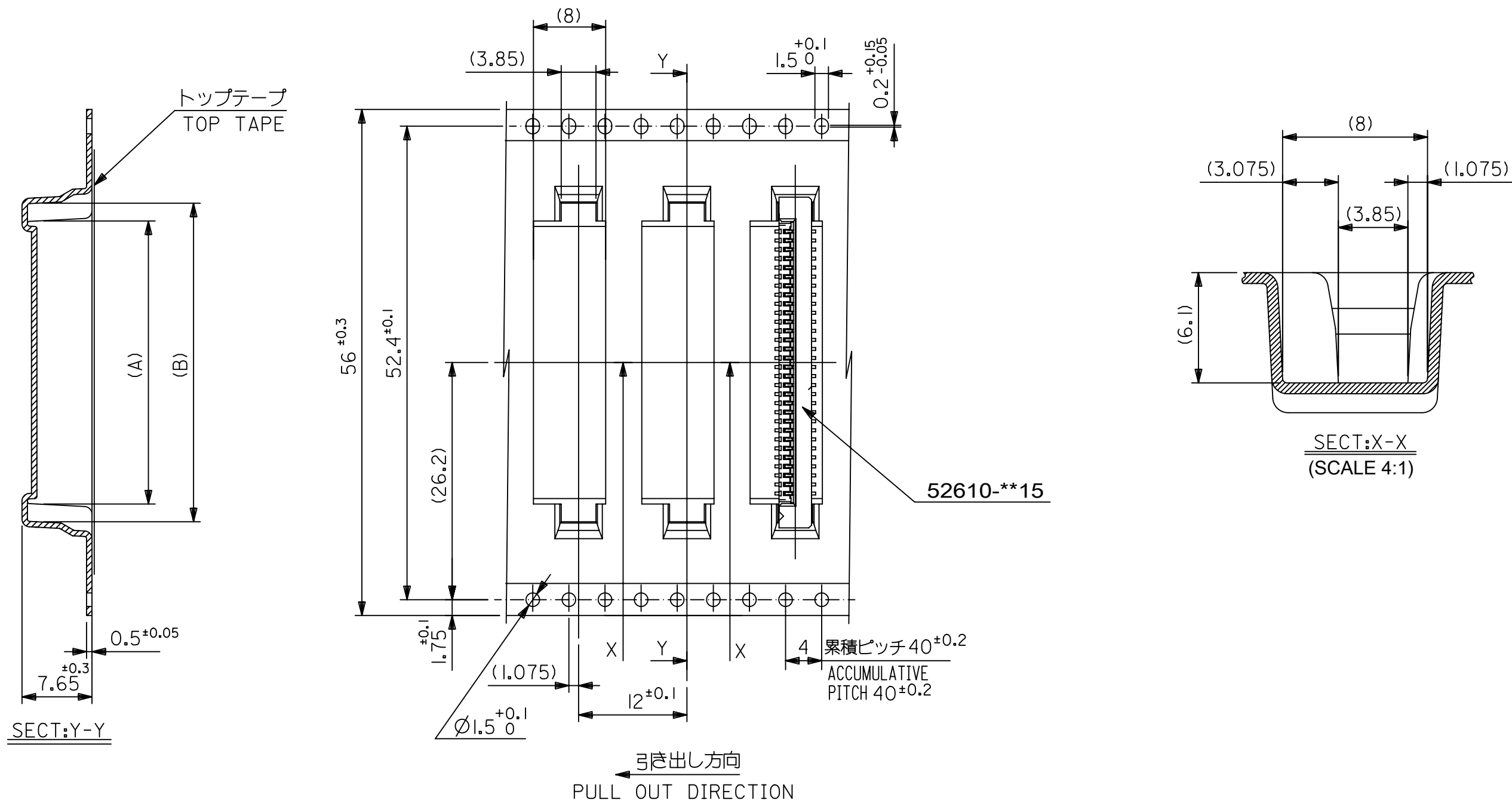


44	49.4	45.4	31.25	27.32	52610-2672	26
			30.25	26.32	52610-2572	25
			29.25	25.32	52610-2472	24
			28.25	24.32	52610-2372	23
			27.25	23.32	52610-2272	22
			26.25	22.32	52610-2172	21
			25.25	21.32	52610-2072	20
			24.25	20.32	52610-1972	19
			23.25	19.32	52610-1872	18
			22.25	18.32	52610-1772	17
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

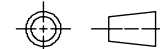
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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		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		4 OF 5		

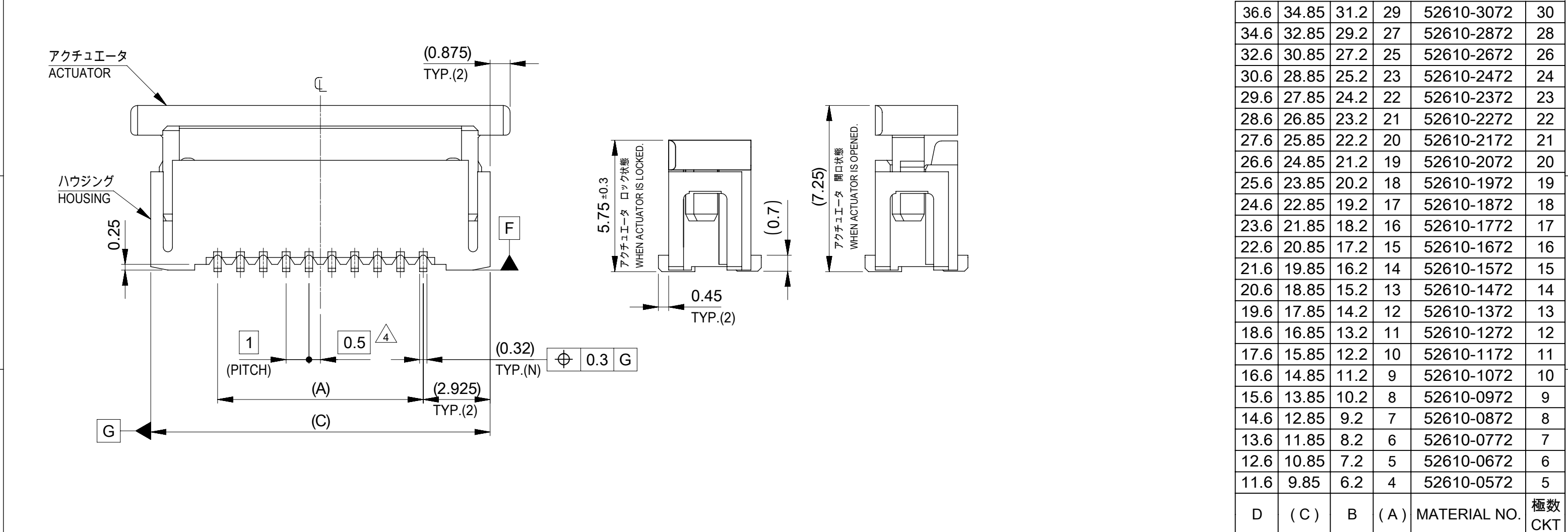
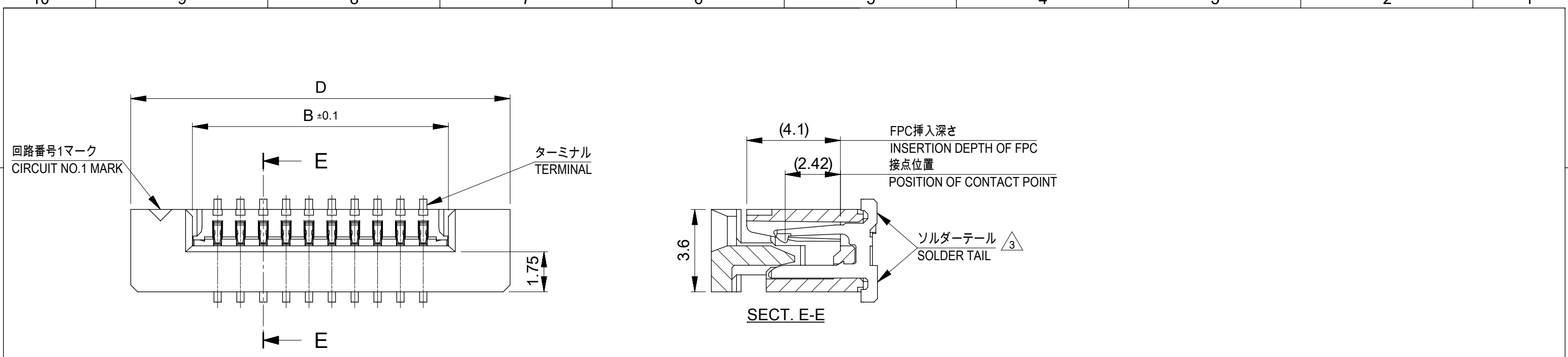
RELEASE STATUS	RELEASE DATE
----------------	--------------



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

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		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DOCUMENT NUMBER 526100000		DOC TYPE PSD		DOC PART 000		SHEET NUMBER 5 OF 5	
	0 PLACES ± 0.2													

RELEASE STATUS	RELEASE DATE
----------------	--------------



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

DOCUMENT STATUSP1RELEASE DATE2023/04/0710:47:37

1092023/04/0710:47:37

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER ±0.2

10 OVER 30 UNDER ±0.25

30 OVER ±0.3

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

DIMENSION UNITSmmSCALE---

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

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

2023/04/06

2023/04/07

2023/04/07

2016/10/12

2016/12/28

A3-SIZE

52610

SEE TABLE

GENERAL

1 OF 2

1.0 FPC CONN ZIF S/T HOUSING ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

526101000

PSD

000

C

molex

A

- 5.エンボステーブ梱包時は、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)

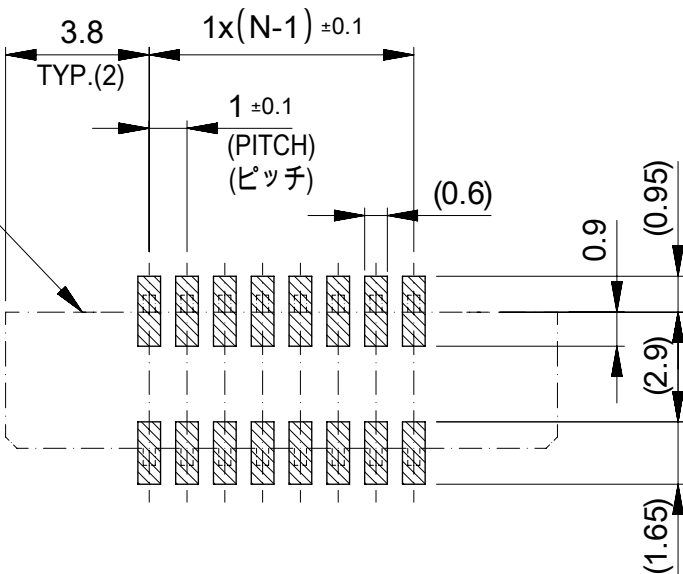
C

D

E

F

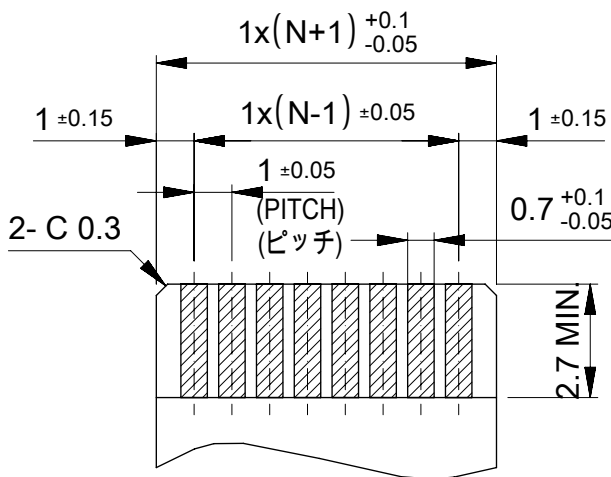
コネクタ位置
CONNECTOR
LOCATION



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

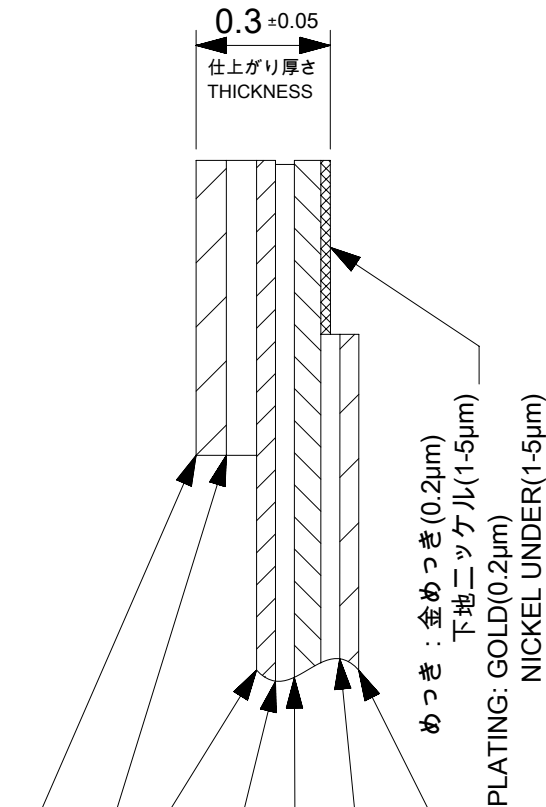
マスク厚：120μm
マスク開口率：100%
SCREEN THICKNESS：120 MICROMETER
SCREEN OPEN RATIO：100%

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)



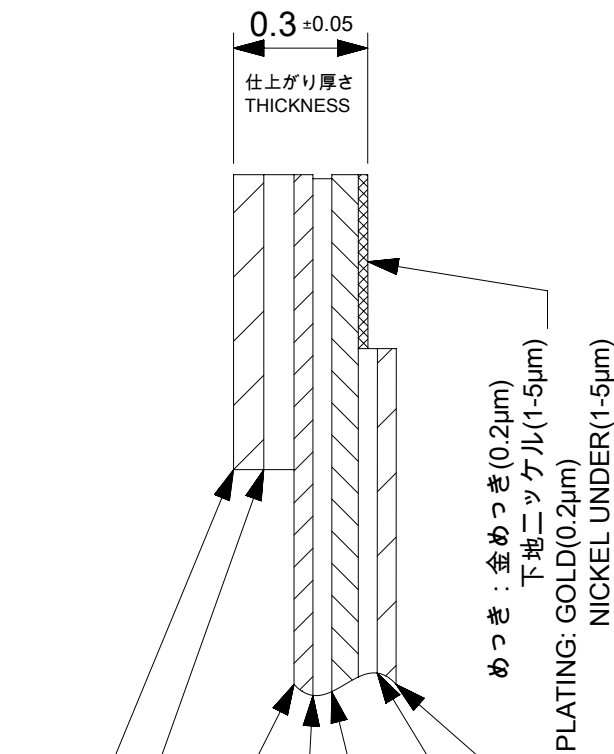
FPC構成推奨仕様
RECOMMENDED STRUCTURE OF FPC

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)
CONDUCTOR: COPPER FOIL (35 or 50μm)
熱硬化接着剤
THERMOSETTING ADHESIVE
カバレーイ：ポリイミド(25μm)
COVER FILM: POLYIMIDE(25μm)



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)
CONDUCTOR: 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)



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	EC NO: 745355 DRWN: RAJMOK 2023/04/06 CHK'D: HSHIMOYAMA 2023/04/07 APPR: HSHIMOYAMA 2023/04/07	PRODUCT CUSTOMER DRAWING					
3 PLACES	±	0.03							
2 PLACES	±	0.05							
1 PLACE	±	0.1							
0 PLACES	±	0.2	INITIAL REVISION: DRWN: YMIZUNO02 2016/10/12 APPR: TKUSUHARA01 2016/12/28	DOCUMENT NUMBER 526101000		DOC TYPE PSD	DOC PART 000	REVISION C	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION 	DRAWING A3-SIZE	SERIES 52610	MATERIAL NUMBER SEE SHEET-1		CUSTOMER GENERAL	SHEET NUMBER 2 OF 2

A

B

C

D

E

F