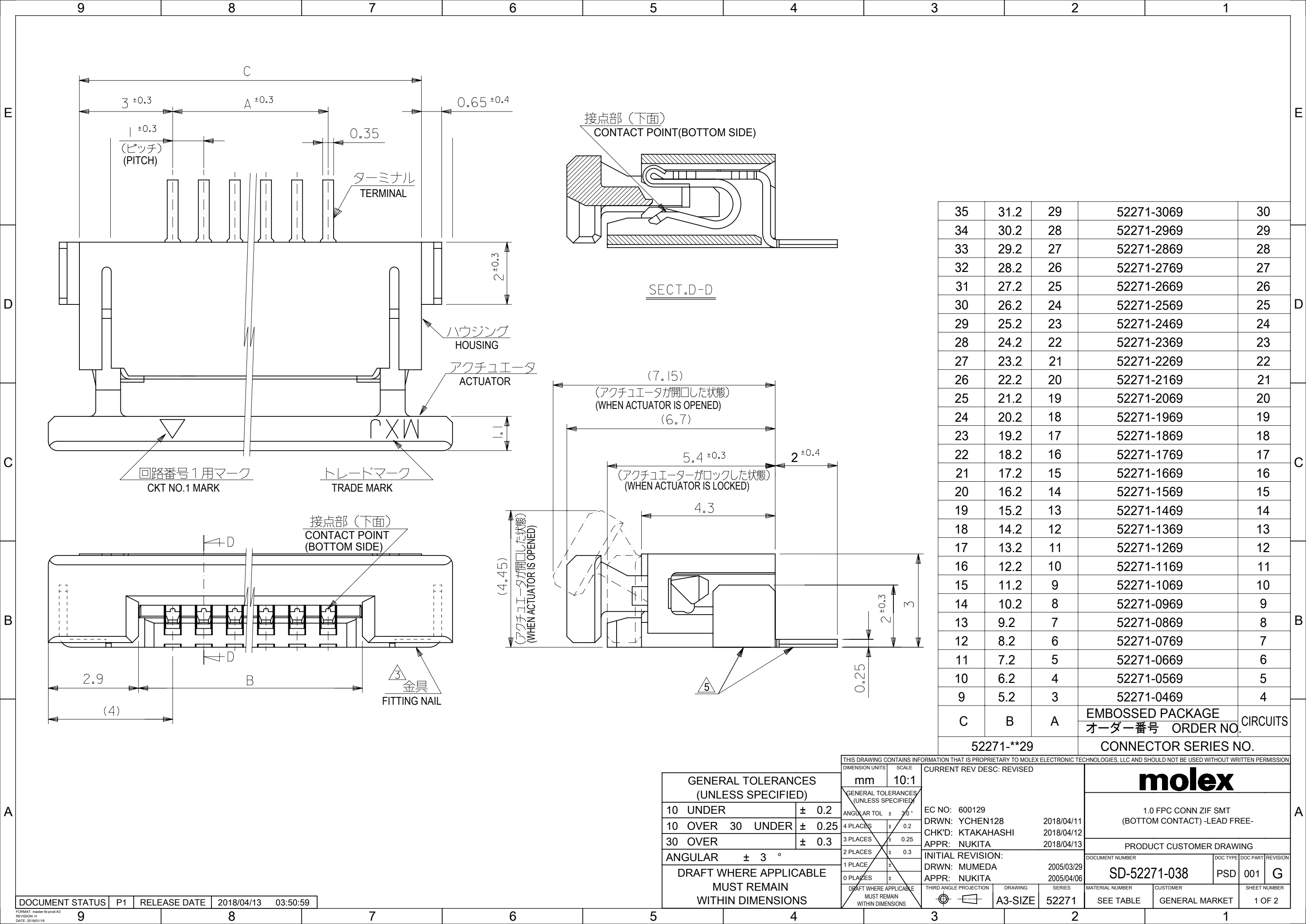


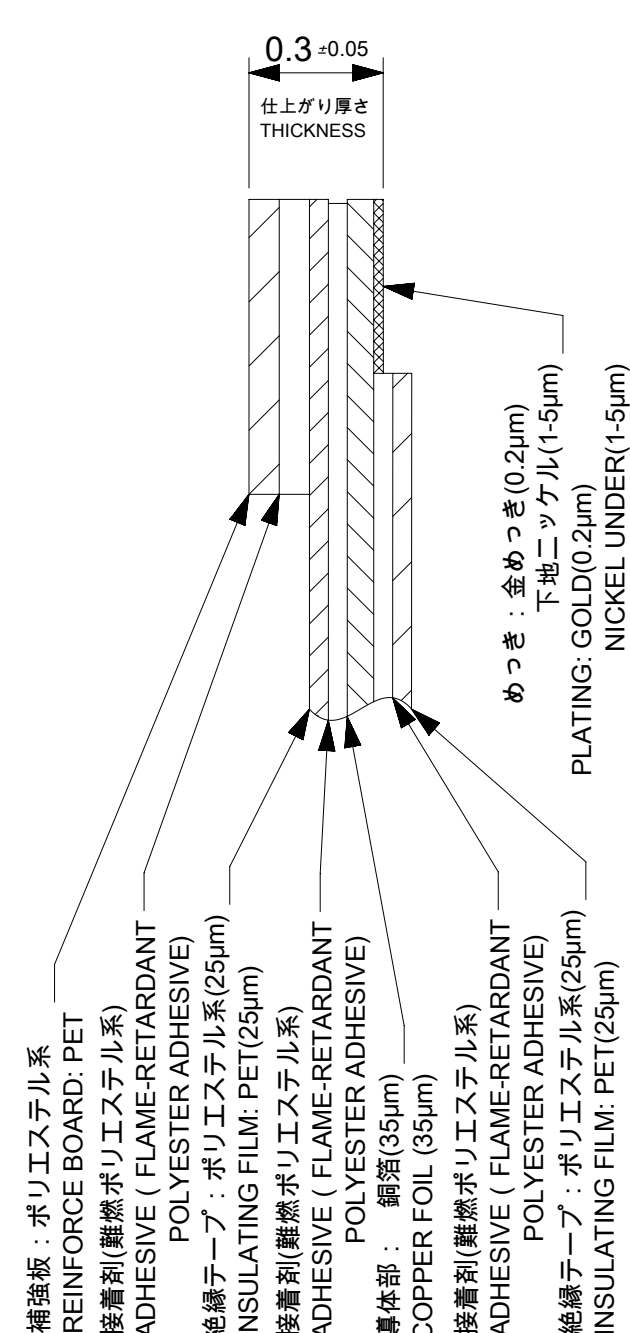
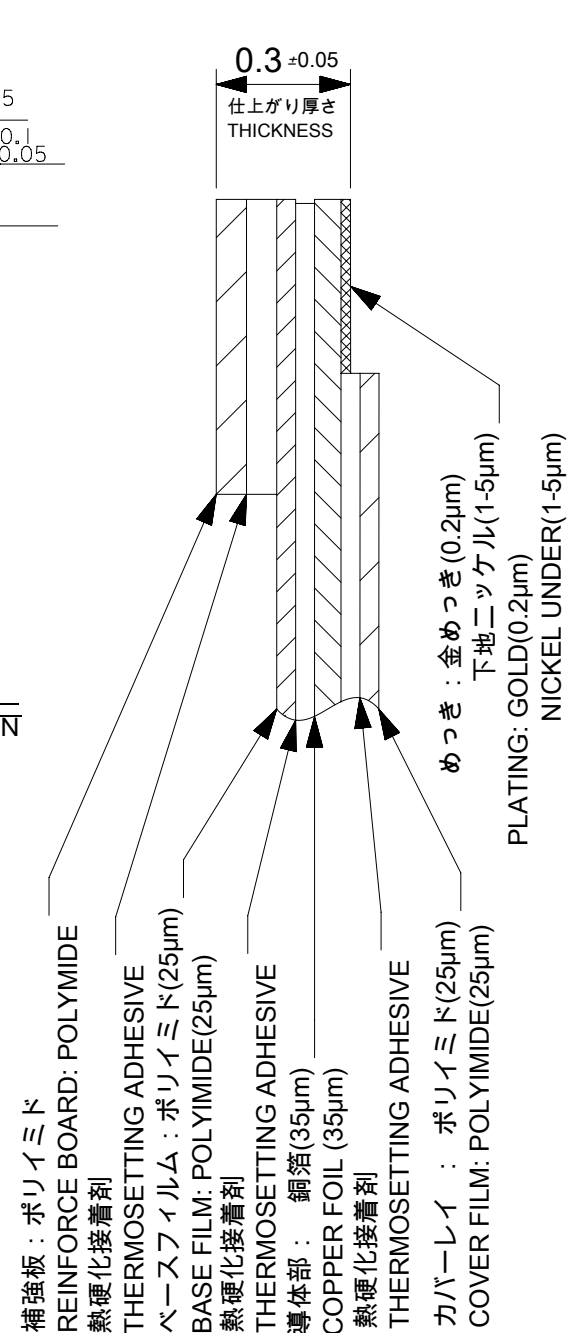
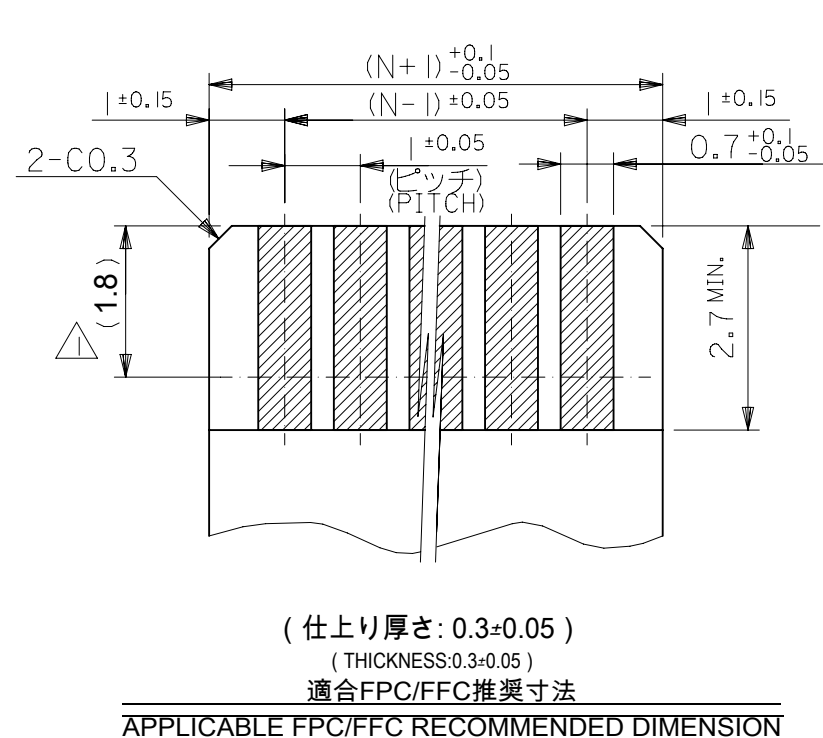
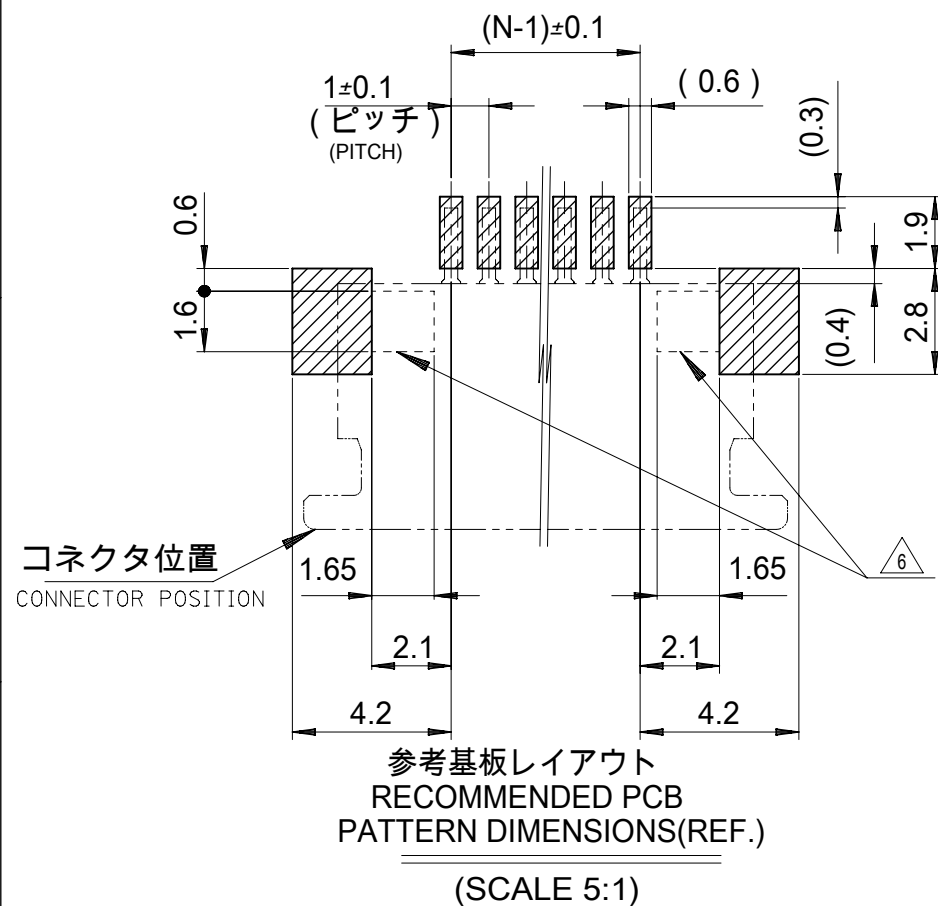


35	31.2	29	52271-3069	30
34	30.2	28	52271-2969	29
33	29.2	27	52271-2869	28
32	28.2	26	52271-2769	27
31	27.2	25	52271-2669	26
30	26.2	24	52271-2569	25
29	25.2	23	52271-2469	24
28	24.2	22	52271-2369	23
27	23.2	21	52271-2269	22
26	22.2	20	52271-2169	21
25	21.2	19	52271-2069	20
24	20.2	18	52271-1969	19
23	19.2	17	52271-1869	18
22	18.2	16	52271-1769	17
21	17.2	15	52271-1669	16
20	16.2	14	52271-1569	15
19	15.2	13	52271-1469	14
18	14.2	12	52271-1369	13
17	13.2	11	52271-1269	12
16	12.2	10	52271-1169	11
15	11.2	9	52271-1069	10
14	10.2	8	52271-0969	9
13	9.2	7	52271-0869	8
12	8.2	6	52271-0769	7
11	7.2	5	52271-0669	6
10	6.2	4	52271-0569	5
9	5.2	3	52271-0469	4
C	B	A	EMBOSSED PACKAGE オーダー番号 ORDER NO.	CIRCUITS
52271-**29			CONNECTOR SERIES NO.	

GENERAL TOLERANCES (UNLESS SPECIFIED)			
10 UNDER	±	0.2	
10 OVER 30 UNDER	±	0.25	
30 OVER	±	0.3	
ANGULAR ± 3 °			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: REVISED		molex			
DIMENSION UNITS		SCALE		1.0 FPC CONN ZIF SMT (BOTTOM CONTACT) -LEAD FREE-			
mm		10:1		PRODUCT CUSTOMER DRAWING			
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 30 °		DOCUMENT NUMBER			
4 PLACES ± 0.2		3 PLACES ± 0.25		SD-52271-038			
2 PLACES ± 0.3		1 PLACE ±		DOC TYPE DOC PART REVISION			
0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		PSD 001 G			
THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER			
A3-SIZE		SERIES		1 OF 2			
52271		MATERIAL NUMBER		SEE TABLE			
GENERAL MARKET		CUSTOMER					

DOCUMENT STATUS	P1	RELEASE DATE	2018/04/13	03:50:59
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注記： NOTES

1. 接点部までの嵌合長さ。
LENGTH TO CONTACT POINT.
2. 使用材料 MATERIAL
- ハウジング : 46 NYLON、UL94V-0
HOUSING
アクチュエータ : PPS、UL94V-0
ACTUATOR
ターミナル : リン青銅(t=0.25)
TERMINAL PHOS-BRO(t = 0.25)
メッキ : 接点部 : 金メッキ : 0.1マイクロメートル以上
PLATING CONTACT PORTION: GOLD PLATING: 0.1 MICROMETER MIN.
: 半田付け部 : 錫メッキ : 1.0マイクロメートル以上
SOLDER PORTION: TIN PLATING: 1.0 MICROMETER MINIMUM
: 下地 : ニッケルメッキ : 1.0マイクロメートル以上
UNDER PLATING : NICKEL PLATING : 1.0 MICROMETER MIN.
- 金具 : 銅合金(t=0.25)
FITTING NAIL COPPER ALLOY(t = 0.25)
メッキ : 錫メッキ : 1.0マイクロメートル以上
PLATING TIN PLATING : 1.0 MICROMETER MIN.
: 下地 : ニッケルメッキ : 1.0マイクロメートル以上
UNDER PLATING: NICKEL PLATING: 1.0 MICROMETER MIN.

- UNDER PLATING: NICKEL PLATING: 1.0 MICROMETER MIN.
- ③ パターンはくり止め用金具
FITTING NAIL FOR PREVENTION OF FOOT PRINT PEELING OF P.C.B PATTERN.
4. 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 OF PART NO.54550-**29 SHOULD BE LOCKED.
- ⑤ テール及び金具の平坦度は、0.15以下とする。
TAIL AND NAIL COPLANARITY TO BE 0.15 MAXIMUM.
- ⑥ パターン書き込み禁止エリア。
NO FOOT PRINT AREA.

FPC構成推奨仕様

RECOMMENDED STRUCTURE OF FPC

FFC構成推奨仕様

RECOMMENDED STRUCTURE OF FFC

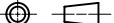
FPC/FFCについて：

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: REVISED				molex					
mm		10:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				1.0 FPC CONN ZIF SMT (BOTTOM CONTACT) -LEAD FREE-									
				ANGULAR TOL		± 30°		PRODUCT CUSTOMER DRAWING					
				4 PLACES		± 0.2							
				3 PLACES		± 0.25							
2 PLACES		± 0.3		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
1 PLACE		±		SD-52271-038		PSD		001		G			
0 PLACES		±		INITIAL REVISION:									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				EC NO: 600129		2018/04/11							
				DRWN: YCHEN128		2018/04/12							
				CHK'D: KTAKAHASHI		2018/04/13							
				APPR: NUKITA		2018/04/13							
				DRWN: MUMEDA		2005/03/29							
				APPR: NUKITA		2005/04/06							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		52271		SEE TABLE		GENERAL MARKET		2 OF 2	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	± 0.2
10 OVER 30 UNDER	± 0.2
30 OVER	± 0.3
ANGULAR ± 3 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

10 9 8 7 6 5 4 3 2 1

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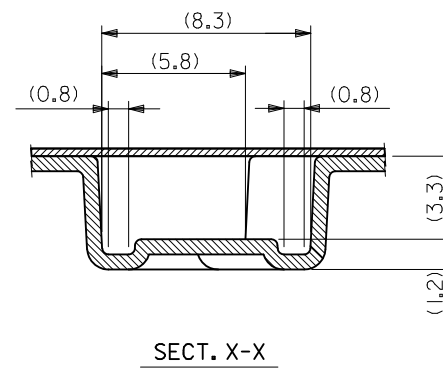
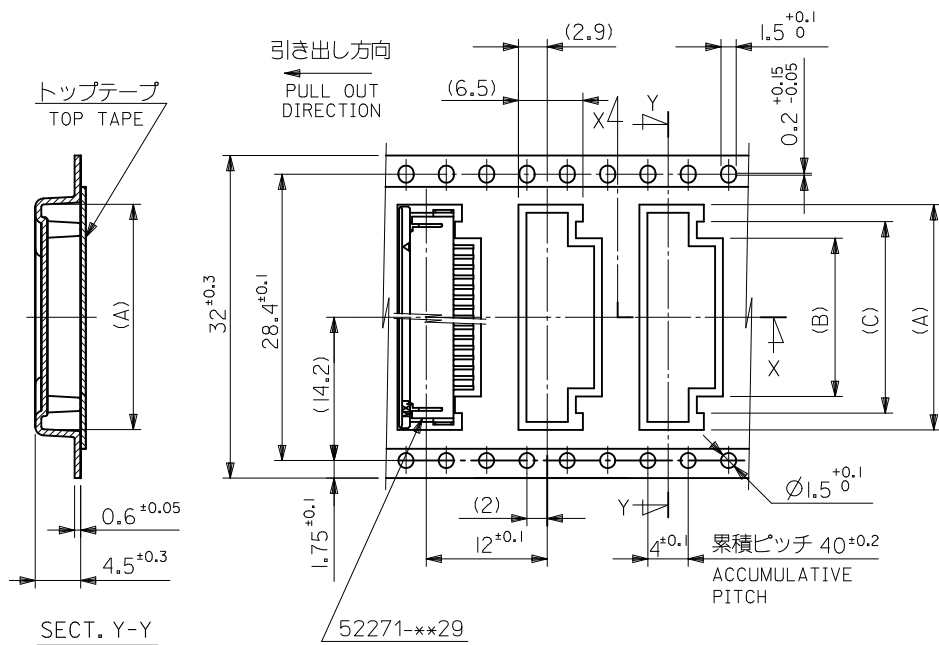
E

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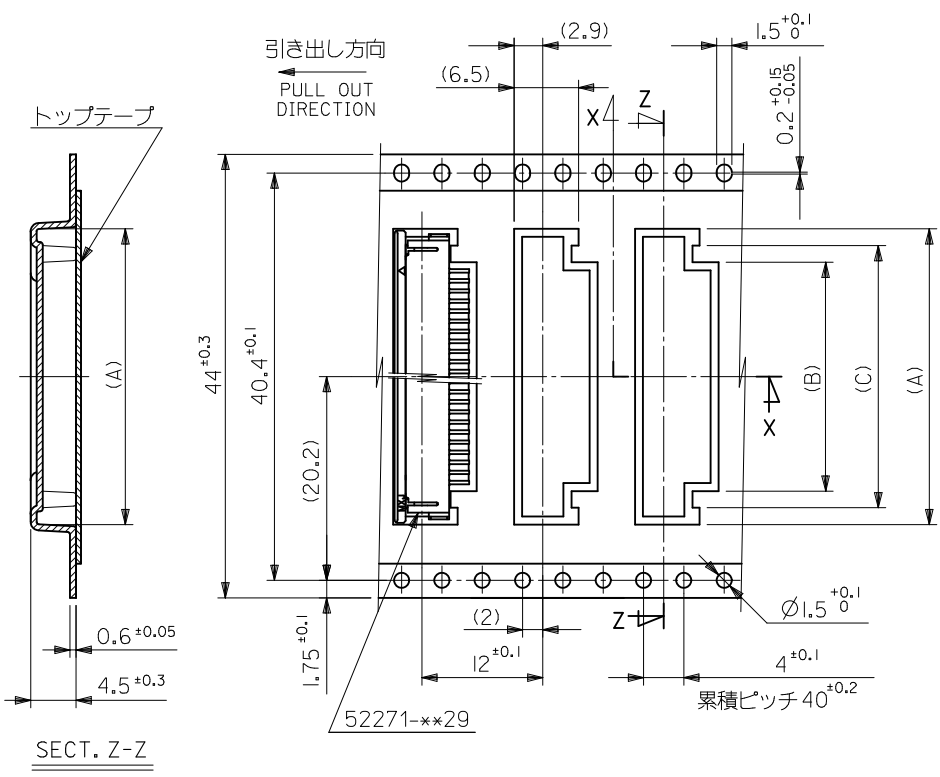
B

A



32	37.4	33.4	20	16.4	23.35	52271-1669	16
			19	15.4	22.35	52271-1569	15
			18	14.4	21.35	52271-1469	14
			17	13.4	20.35	52271-1369	13
			16	12.4	19.35	52271-1269	12
キャリアテープ幅 CARRIER TAPE WIDTH	F	D	(C)	(B)	(A)	MATERIAL NO.	極 数 CKT.

REVISED EC NO: J2010-2474 DRWN: YU HASEGAWA 2010/06/08 CHKD: K. TOYODA 2010/06/08 APPR: KMORI KAWA 2010/06/09	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	M. UMEDA	2005/03/08	TITLE EMBOSSD TAPE PACKAGE FOR 52271-**-29 -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	K. TOYODA	2005/03/08					
		30 OVER	± 0.3	N. UKITA	2005/03/08	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52271-039				2 OF 4	
	REV			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



44	49.4	45.4	31	27.4	34.35	52271-2769	27
			29	25.4	32.35	52271-2569	25
			28	24.4	31.35	52271-2469	24
			26	22.4	29.35	52271-2269	22
			25	21.4	28.35	52271-2169	21
			24	20.4	27.35	52271-2069	20
			23	19.4	26.35	52271-1969	19
			22	18.4	25.35	52271-1869	18
			21	17.4	24.35	52271-1769	17
キャリアテープ幅	F	D	(C)	(B)	(A)	MATERIAL NO.	極数

REVISED EC NO: J2010-2474 DRWN: YUASEGAWA 2010/06/08 CHKD: K. TOYODA 2010/06/08 APPR: KMORIKAWA 2010/06/09	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		10 UNDER	± 0.2	DRAWN BY M.UMEDA	DATE 2005/03/08	TITLE EMBOSSD TAPE PACKAGE FOR 52271-**29 -LEAD FREE-					
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOYODA	DATE 2005/03/08						
		30 OVER	± 0.3	APPROVED BY N. UKITA	DATE 2005/03/08	MOLEX INCORPORATED					
		ANGULAR ±3 °		MATERIAL NO.							
G		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		DOCUMENT NO. SD-52271-039		SHEET NO. 3 OF 4			
				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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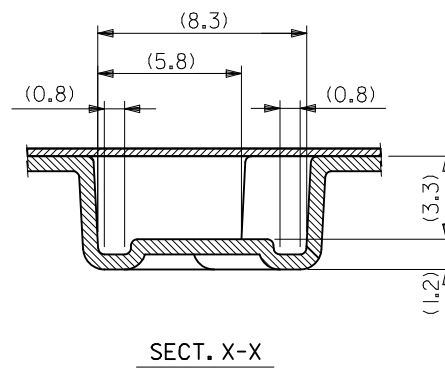
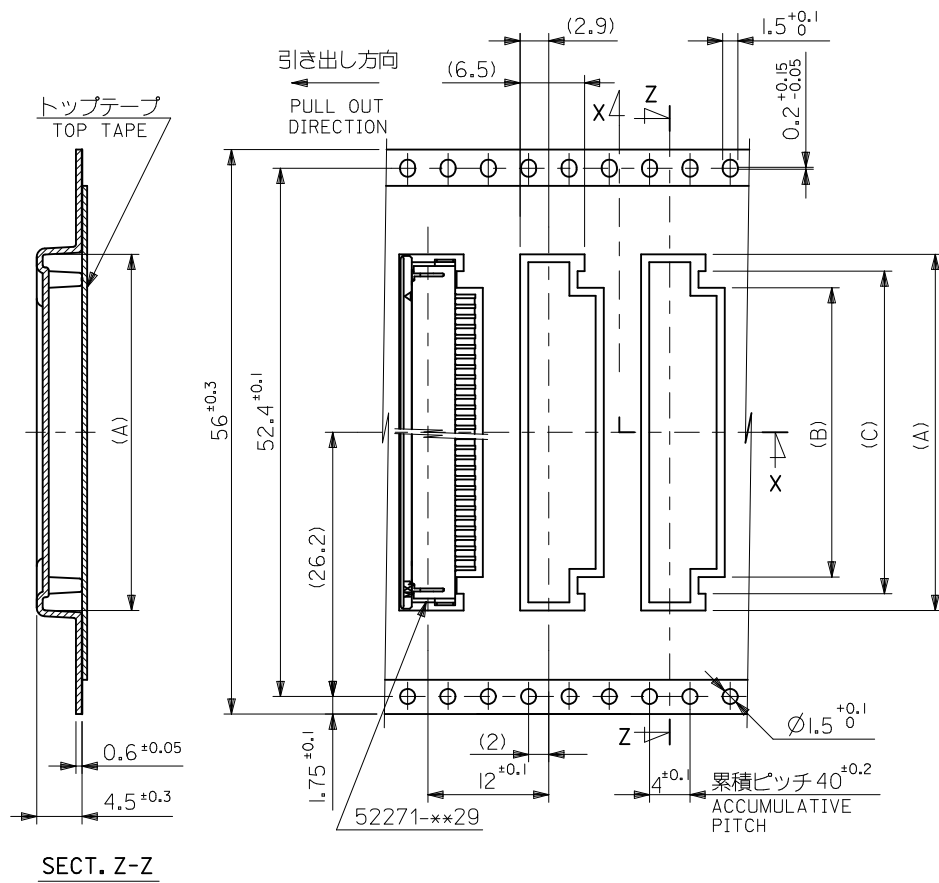
E

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56	61.4	57.4	34	30.4	37.35	52271-3069	30
			32	28.4	35.35	52271-2869	28
キャリアテープ幅 CARRIER TAPE WIDTH			(C)	(B)	(A)	MATERIAL NO.	極数 CKT.

REVISED EC NO: J2010-2474 DRWN: YUASEGAWA 2010/06/08 CHKD: K. TOYODA 2010/06/08 APPR: KMORI KAWA 2010/06/09	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	M. UMEDA	2005/03/08	TITLE EMBOSSD TAPE PACKAGE FOR 52271-***29 -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	K. TOYODA	2005/03/08					
		30 OVER	± 0.3	N. UKITA	2005/03/08	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52271-039		4 OF 4		
	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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