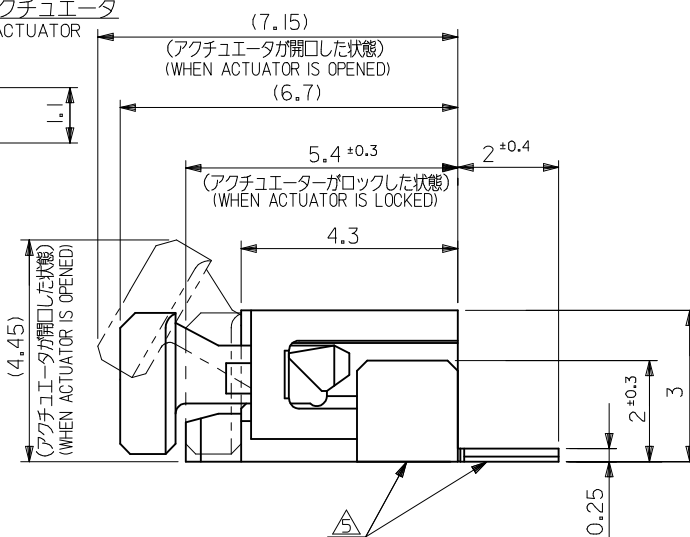
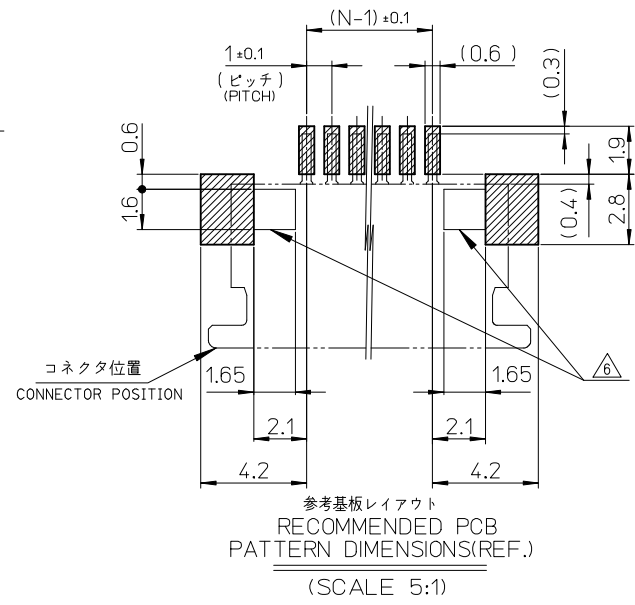
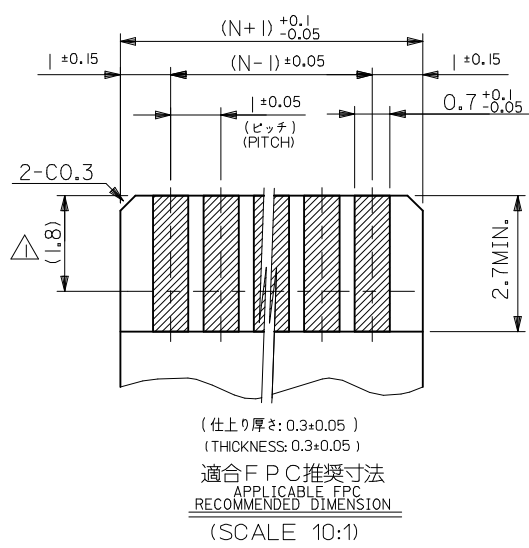


SECT.D-D



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.	

REVISED EC NO: J2012-1390 DRW:K.NAGUMO CHKD:K.TAKAHASHI APPR:K.MORIKAWA 2012/05/10 2012/05/10 2012/05/17	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION						
				MM ONLY		10:1	METRIC							
		10 UNDER	± 0.2	DRAWN BY	DATE	TITLE 1.0 FPC CONN ZIF SMT (BOTTOM CONTACT) -LEAD FREE-								
		10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE									
		30 OVER	± 0.3	APPROVED BY	DATE	molex								
		ANGULAR ±3 °		MATERIAL NO.							DOCUMENT NO.			SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART							SD-52271-038			1 OF 2
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												



注記 NOTES

- △ 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 PHOSPHOR BRONZE (t=0.25)
- メッキ : 接点部 : 金メッキ : 0.1 MICROMETER MIN.
PLATING CONTACT PORTION : GOLD PLATING : 0.1 MICROMETER MIN.
- メッキ : 半田付部 : 錫メッキ : 1.0 MICROMETER MIN.
PLATING SOLDERING PORTION : TIN PLATING : 1.0 MICROMETER MIN.
- メッキ : 下地 : ニッケルメッキ : 1.0 MICROMETER MIN.
PLATING UNDER PLATING : NICKEL PLATING : 1.0 MICROMETER MIN.
- 金具 : 銅合金 (t=0.25)
FITTING NAIL CUPPER ALLOY (t=0.25)
- 金具 : 下地 : ニッケルメッキ : 1.0 MICROMETER MIN.
FITTING NAIL 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 PEELING
OF P.C.B. PATTERN.
4. 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.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 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。

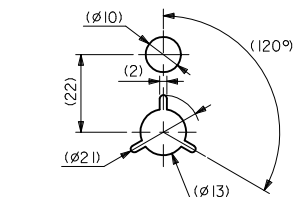
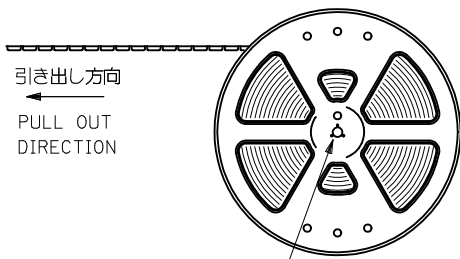
接着剤は、熱硬化接着剤を推奨致します。

ABOUT FPC :

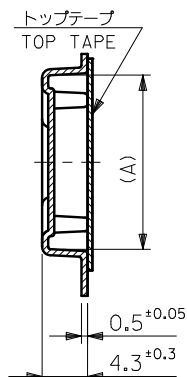
RECOMMENDED PUNCHER DIRECTION :
FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE

RECOMMENDED MATERIAL :
STIFFENER FILM : POLYIMIDE
BONDING AGENT : THERMOSETTING BONDING AGENT

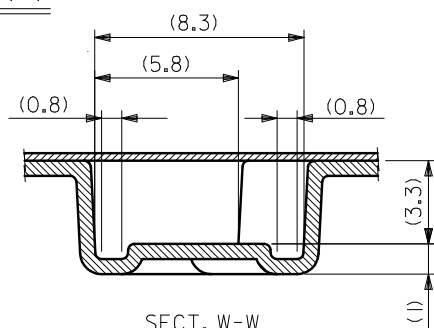
REVISED	EC NO: J2012-1390	DRAWN:KAGUMO 2012/05/10 CHKD:K TAKAHASHI 2012/05/10 APPR:K MORIKAWA 2012/05/17	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION						
				10 UNDER	±0.2	DRAWN BY M.UMEDA	DATE 2005/03/08	TITLE 1.0 FPC CONN ZIF SMT (BOTTOM CONTACT) -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								
				ANGULAR ±3 °		MATERIAL NO.							DOCUMENT NO.		SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									



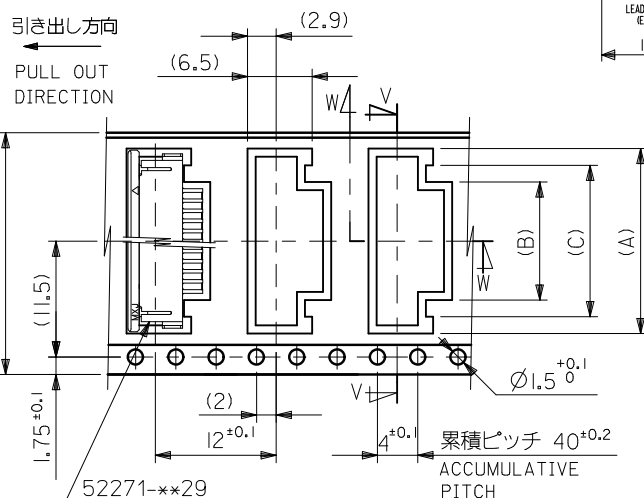
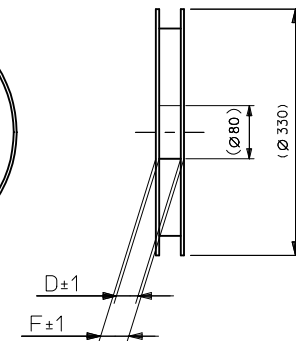
DETAIL "E"



SECT. V-V

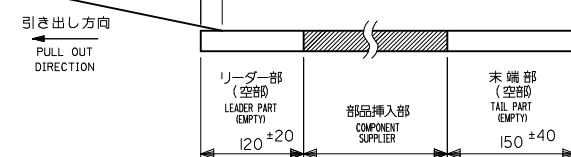


SECT. W-W



NOTES

- 製品番号 52271-**-29 の梱包状態はアクチュエータがロックした状態とする。
詳細寸法については 図面 SD-52271-038 を参照下さい。
IN THE PACKAGE, ACTUATOR OF PART NO. 52271-**-29 SHOULD BE LOCKED
RE DETAILED DIMENSIONS, SEE SD-52271-038.
- 梱包数量: 1000個/リール
NUMBER OF CONNECTORS: 1000 PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH
トップテープ リーダー部 TOP TAPE LEADER PART 175 ±25
トップテープ 未接層部 TOP TAPE NON-BONDED PART 25 ±5
- カバーテープの剥離強度については、IEC60286-3に準拠
COVER TAPE PEEL FORCE IS DEFINED BY IEC60286-3
- 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 (TOP TAPE): 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>
- 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.



24	29.4	25.4	15	11.4	18.3	52271-1169	11
			14	10.4	17.3	52271-1069	10
			12	8.4	15.3	52271-0869	8
			11	7.4	14.3	52271-0769	7
			10	6.4	13.3	52271-0669	6
			9	5.4	12.3	52271-0569	5
			8	4.4	11.3	52271-0469	4
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 G DRWN: YUHASEGAWA 2010/06/08 CHKDK: 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. UEDA	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	APPROVED BY	DATE	MOLEX INCORPORATED					
		ANGULAR	± 3 °	N. UKITA	2005/03/08						DOCUMENT NO. SD-52271-039
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		SHEET NO. 1 OF 4						
REV				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

10 9 8 7 6 5 4 3 2 1

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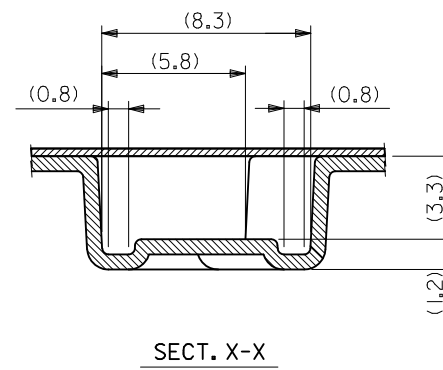
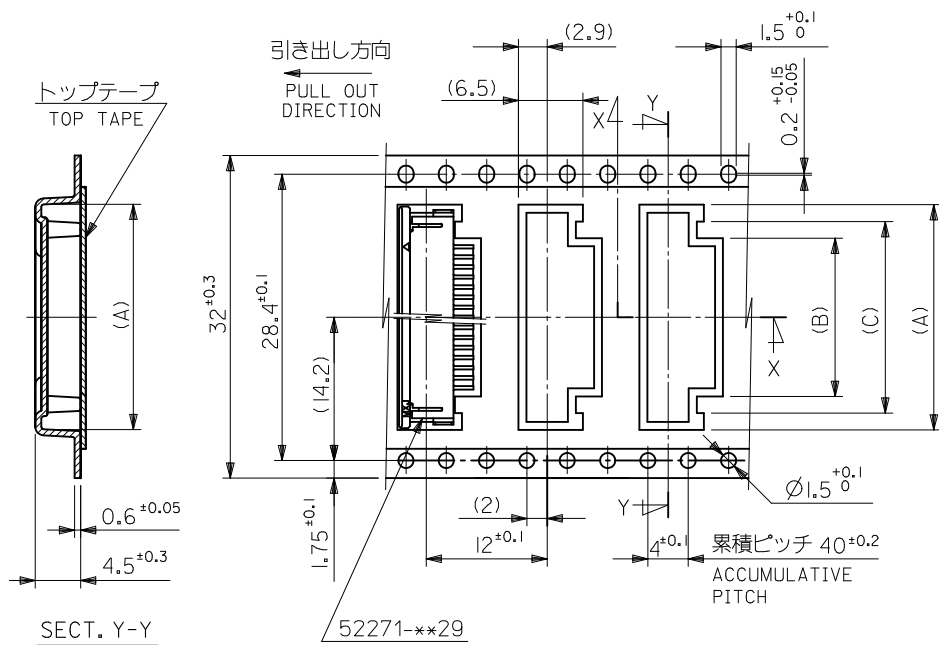
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32	37.4	33.4	20	16.4	23.35	52271-1669	16
			19	15.4	22.35	52271-1569	15
			18	14.4	21.35	52271-1469	14
			17	13.4	20.35	52271-1369	13
			16	12.4	19.35	52271-1269	12
キャリアテープ幅 CARRIER TAPE WIDTH	F	D	(C)	(B)	(A)	MATERIAL NO.	極 数 CKT.

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	CHECKED BY	DATE					
		30 OVER	± 0.3	APPROVED BY	DATE					
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52271-039		2 OF 4			
6	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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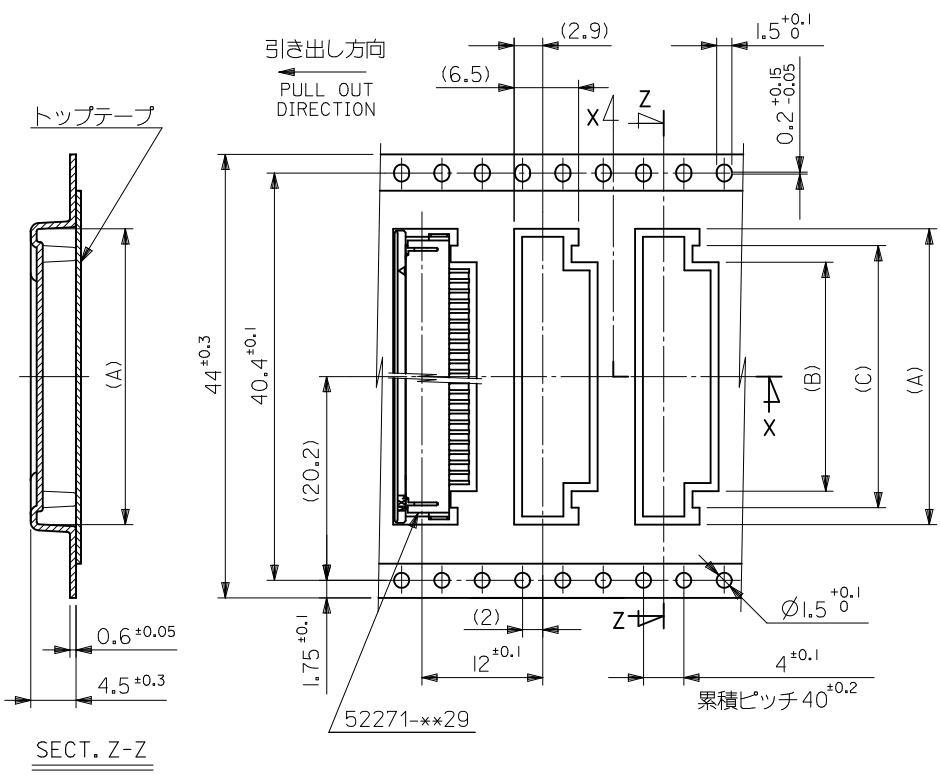
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44	49.4	45.4	31	27.4	34.35	52271-2769	27
			29	25.4	32.35	52271-2569	25
			28	24.4	31.35	52271-2469	24
			26	22.4	29.35	52271-2269	22
			25	21.4	28.35	52271-2169	21
			24	20.4	27.35	52271-2069	20
			23	19.4	26.35	52271-1969	19
			22	18.4	25.35	52271-1869	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	DATE	TITLE									
		10 OVER 30 UNDER	± 0.25	M. UMEDA	2005/03/08	EMBOSSED TAPE PACKAGE FOR 52271-**29 -LEAD FREE-									
		30 OVER	± 0.3	CHECKED BY	DATE										
		ANGULAR ± 3 °		APPROVED BY	DATE	MOLEX INCORPORATED									
G		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		N. UKITA	2005/03/08										
				MATERIAL NO.		SEE TABLE		DOCUMENT NO.		SHEET NO.					
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SD-52271-039		3 OF 4					

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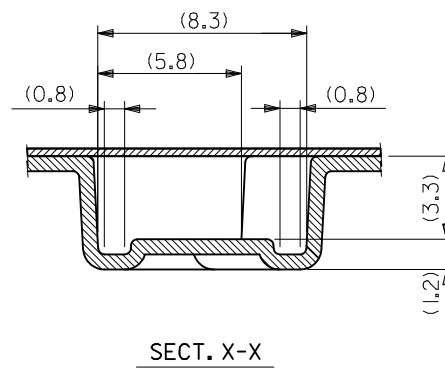
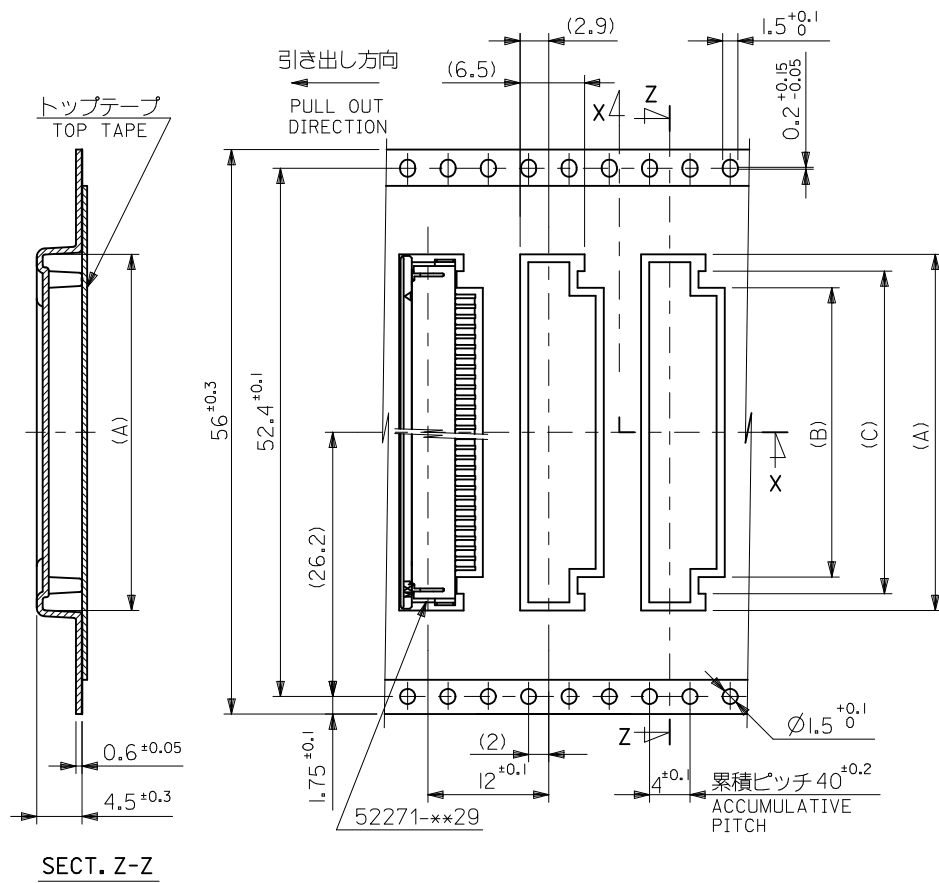
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56	61.4	57.4	34	30.4	37.35	52271-3069	30
			32	28.4	35.35	52271-2869	28
キャリアテープ幅 CARRIER TAPE WIDTH			(C)	(B)	(A)	MATERIAL NO.	極数 CKT.

REVISED	EC NO: J2010-2474 DRWN: YU HASEGAWA CHKD: K. TOYODA APPR: KMORI KAWA	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 EMBOSSED TAPE PACKAGE FOR 52271-***29 -LEAD FREE-				
			10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE					
			30 OVER	± 0.3	APPROVED BY	DATE					
			ANGULAR ±3 °		N. UKITA	2005/03/08	MOLEX MOLEX INCORPORATED				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
					SEE TABLE		SD-52271-039		4 OF 4		
G	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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