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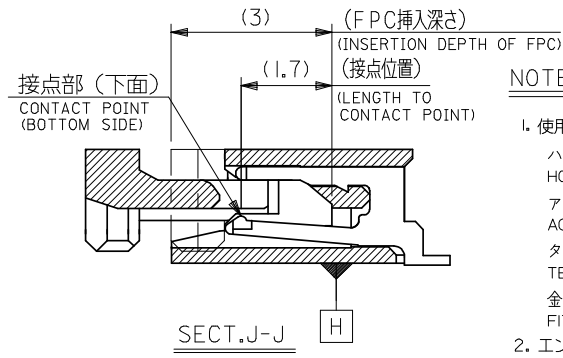
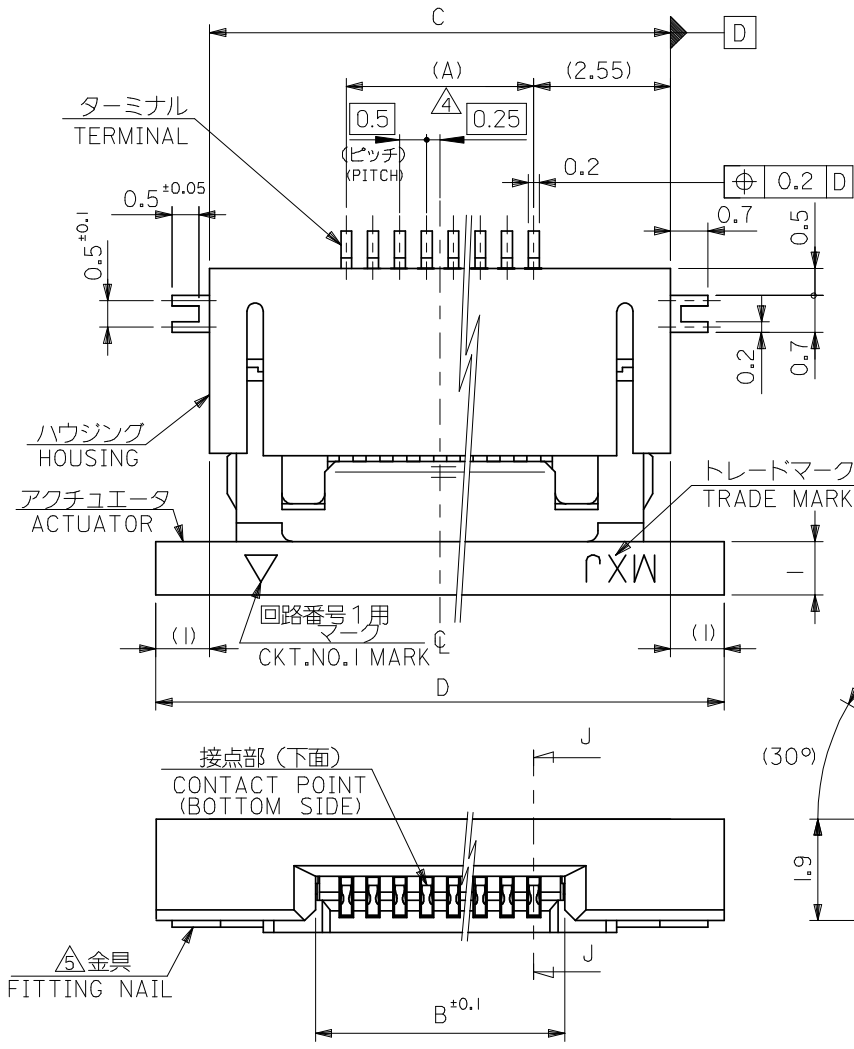
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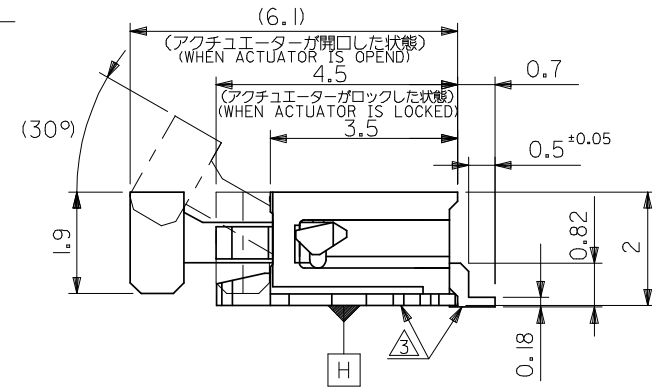
B

A



NOTES

1. 使用材料 : MATERIAL
- | | |
|--------------|-----------------------|
| ハウジング | : 46ナイロン, UL94V-0 |
| HOUSING | 46NYLON |
| アクチュエータ | : PPS, UL94V-0 |
| ACTUATOR | |
| ターミナル | : リン青銅, 金メッキ (t=0.2) |
| TERMINAL | PHOS-BRO. GOLD PLATED |
| 金具 | : リン青銅, 錫メッキ (t=0.2) |
| FITTING NAIL | PHOS-BRO. TIN PLATED |
2. 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.52437-**-26 SHOULD BE LOCKED.
3. ソルダータール半田付け面のズレ量、及び金具半田付け面のズレ量は、基準面 H に対し上方向 0.1 MAX. , 下方向 0.15 MAX. とする。
MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM H
UPPER DIRECTION: 0.1 MAX. , LOWER DIRECTION: 0.15 MAX.
4. 偶数極に適用。
APPLY FOR EVEN CIRCUIT.
5. パターンはくり止め用金具。
FITTING NAIL FOR PREVENTION OF PEELING OF P.C.B. PATTERN.
6. RO.3は、FPCの導体部にかからないこと。
RO.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.
7. 本製品は52437シリーズの鉛フリー品、金メッキ品である。
THIS PRODUCT IS LEAD FREE AND GOLD PLATED OF 52437 S SERIES.
8. ソルダータールの平坦度は、0.1 MAXIMUM とする。
SOLDER TAIL COPLANARITY IS 0.1 MAXIMUM.



MODEL NO. 52437-**-29

REVISED EC NO: J2008-4048 DRAWN:MABEL CHKD:THARYAWA APPR:NUKITA	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 2004/12/08	TITLE 0.5 FPC CONN.ZIF FOR SMT.RA (BOTTOM CONTACT) -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY K.TOYOTA	DATE 2004/12/08					
		30 OVER	±0.3	APPROVED BY N.UKITA	DATE 2004/12/08					
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2		SD-52437-019		1 OF 2		
		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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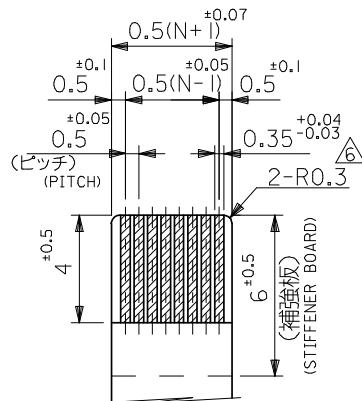
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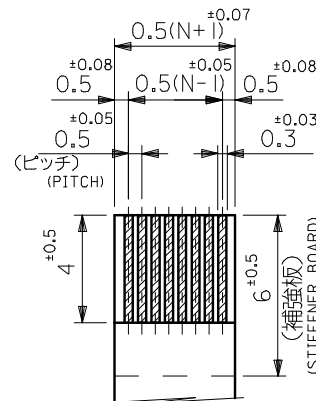


適合FPC推奨寸法

APPLICABLE FPC
RECOMMENDED DIMENSION.

(仕上がり厚さ: 0.3 ±0.05)

(THICKNESS: 0.3 ±0.05)



適合FFC推奨寸法

APPLICABLE FFC
RECOMMENDED DIMENSION.

(仕上がり厚さ: 0.3 ±0.05)

(THICKNESS: 0.3 ±0.05)

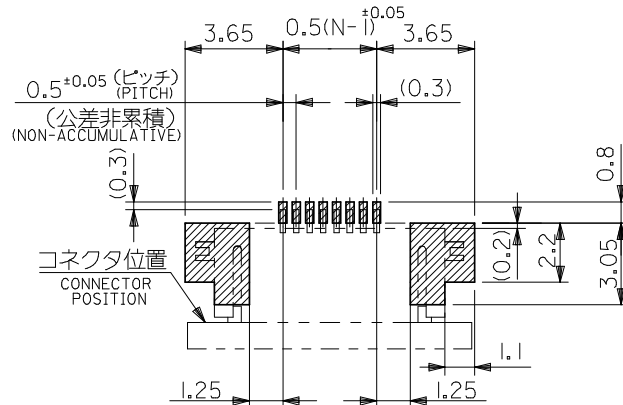
FPCについて:

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



参考基板レイアウト
(マウント面)

RECOMMENDED P.C. BOARD
PATTERN DIMENSION (REF.)
(MOUNTING SIDE)

21.6	19.6	15.65	14.5	52437-3071	52437-3029	30
21.1	19.1	15.15	14.0	52437-2971	52437-2929	29
20.6	18.6	14.65	13.5	52437-2871	52437-2829	28
20.1	18.1	14.15	13.0	52437-2771	52437-2729	27
19.6	17.6	13.65	12.5	52437-2671	52437-2629	26
19.1	17.1	13.15	12.0	52437-2571	52437-2529	25
18.6	16.6	12.65	11.5	52437-2471	52437-2429	24
18.1	16.1	12.15	11.0	52437-2371	52437-2329	23
17.6	15.6	11.65	10.5	52437-2271	52437-2229	22
17.1	15.1	11.15	10.0	52437-2171	52437-2129	21
16.6	14.6	10.65	9.5	52437-2071	52437-2029	20
13.6	11.6	7.65	6.5	52437-1471	52437-1429	14
12.6	10.6	6.65	5.5	52437-1271	52437-1229	12
D	C	B	(A)	EMBOSSD TAPE	MATERIAL NO.	極数
				ORDER No. オーダー番号	MODEL NO. 52437-**29	CKT.

REVISED EC NO: J2008-4048 2008/06/13 DRWN:WABEI 2008/06/16 CHKD:THARUYAMA 2008/06/16 APPR:NUKITA	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 2004/12/08	TITLE 0.5 FPC CONN.ZIF FOR SMT.RA (BOTTOM CONTACT) -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY K.TOYOTA	DATE 2004/12/08					
		30 OVER	±0.3	APPROVED BY N.UKITA	DATE 2004/12/08	molex MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52437-019		2 OF 2			
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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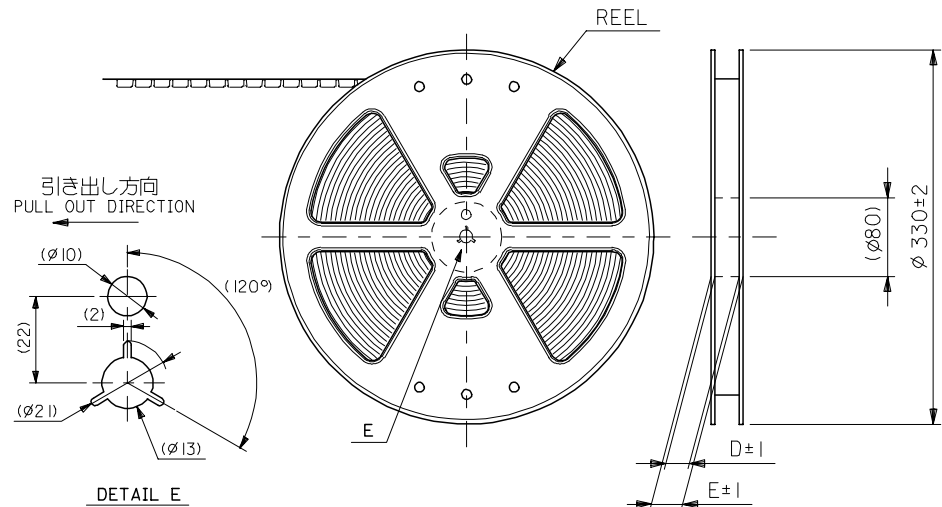
E

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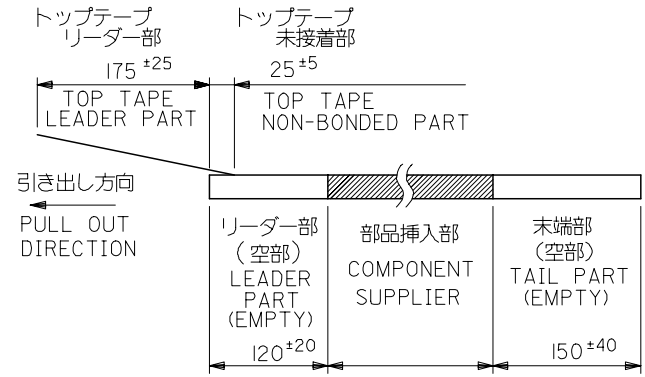
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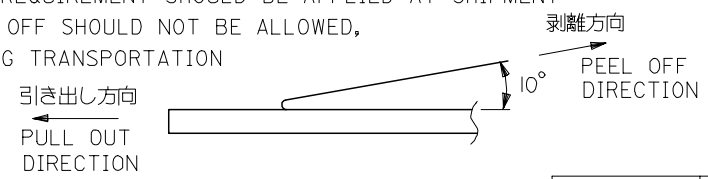
5. 材料 (MATERIAL)
キャリアテープ (CARRIER TAPE) : ポリプロピレン (POLYPROPYLENE)
トップテープ (TOPTAPE) : PET, PE, PEF
リール (REEL) : ポリスチレン (PS) <リサイクル材を含む>
POLYSTYREN (PS) <RECYCLE MATERIAL CONTAINED>
6. 本製品は 52437-***9I の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52437-***9I.

注記 NOTES

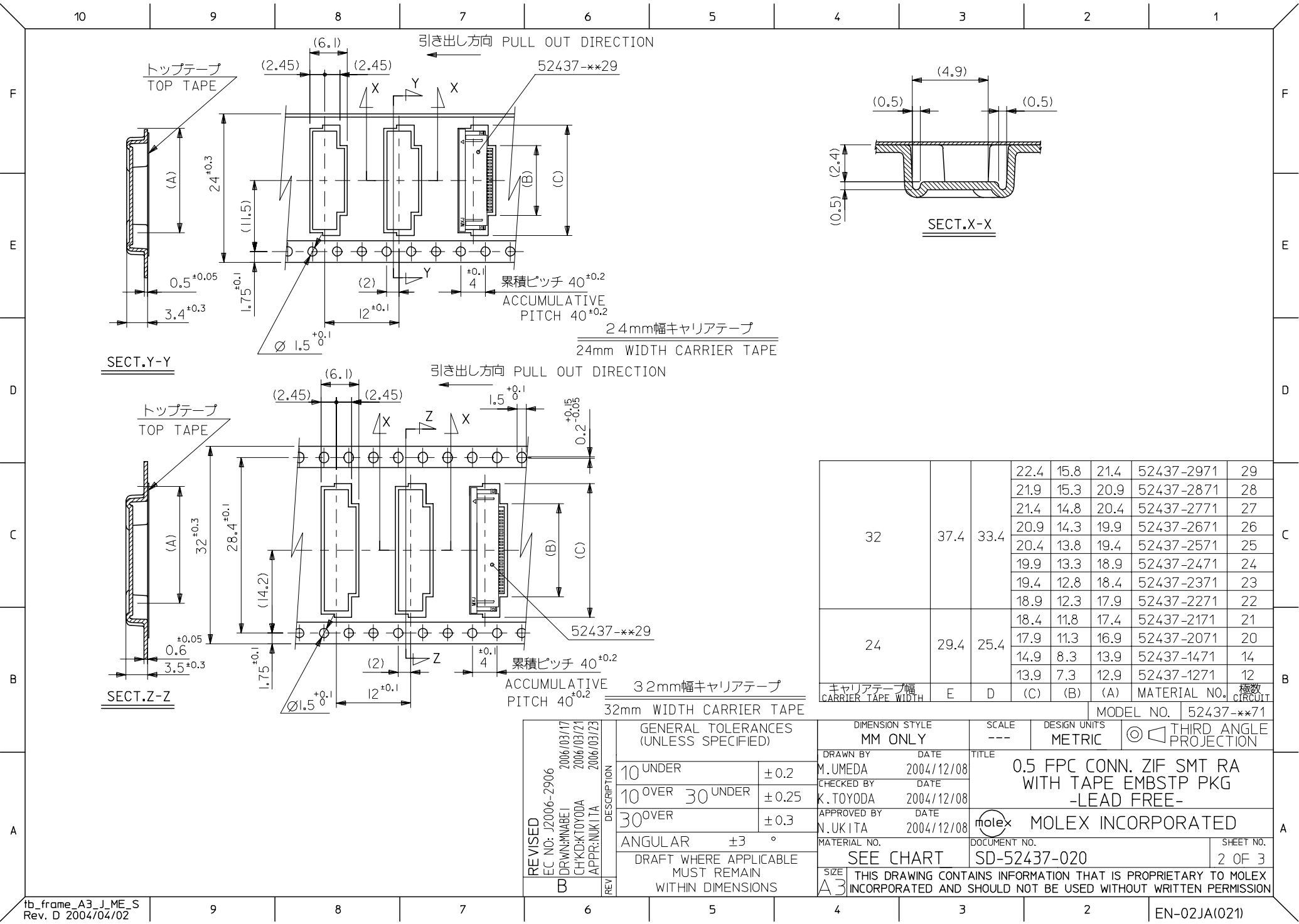
1. 製品番号52437-***29の梱包状態はアクチュエータがロックした状態とする。
製品の詳細寸法については図面SD-52437-019を参照下さい。
IN THE PACKAGE, ACTUATOR OF PART NO. 52437-***29 SHOULD BE LOCKED
RE DETAILED DIMENSIONS, SEE SD-52437-019.
2. 梱包数量 : 1000個/リール
NUMBER OF CONNECTORS: 1000PCS/REEL
3. リードテープ長さ LEAD TAPE LENGTH



4. トップテープの剥離強度 : (剥離方向は下図参照)
0. 1N~1.3N {10gf~130gf} 尚、本規格値は、出荷時に適用。
(但し、輸送時に剥離が発生しない事。)
PEELING OFF FORCE OF TOP TAPE
0. IN ~1.3N {10gf ~130gf} (PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT
PEEL OFF SHOULD NOT BE ALLOWED,
DURING TRANSPORTATION



REVISED		EC NO: J2006-2906		2006/03/17		2006/03/21		2006/03/23		MODEL NO.		52437-**71	
B		DESCRIPTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE	
						MM ONLY		---		METRIC		PROJECTION	
						DRAWN BY DATE		TITLE		0.5 FPC CONN. ZIF SMT RA WITH TAPE EMBSTP PKG -LEAD FREE-			
						CHECKED BY DATE							
						APPROVED BY DATE							
10 UNDER		±0.2		M.UMEDA 2004-12/08		MOLEX INCORPORATED		SHEET NO. 1 OF 3					
10 OVER 30 UNDER		±0.25		K.TOYODA 2004-12/08									
30 OVER		±0.3		N.UKITA 2004-12/08									
REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SD-52437-020			
				SEE CHART									
				SIZE A3									
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													



32	37.4	33.4	22.4	15.8	21.4	52437-2971	29		
			21.9	15.3	20.9	52437-2871	28		
			21.4	14.8	20.4	52437-2771	27		
			20.9	14.3	19.9	52437-2671	26		
			20.4	13.8	19.4	52437-2571	25		
			19.9	13.3	18.9	52437-2471	24		
			19.4	12.8	18.4	52437-2371	23		
			18.9	12.3	17.9	52437-2271	22		
24	29.4	25.4	18.4	11.8	17.4	52437-2171	21		
			17.9	11.3	16.9	52437-2071	20		
			14.9	8.3	13.9	52437-1471	14		
			13.9	7.3	12.9	52437-1271	12		
キャリアテープ幅 CARRIER TAPE WIDTH			E	D	(C)	(B)	(A)	MATERIAL NO.	極数 CIRCUIT

REVISED EC NO: J2006-2906 B DRWN:MABEI CHKD:KTOYODA APPR:NUKITA	DESCRIPTION 2006/03/17 2006/03/21 2006/03/23	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER	±0.2	DRAWN BY M.UMEDA	DATE 2004/12/08	TITLE 0.5 FPC CONN. ZIF SMT RA WITH TAPE EMBSTP PKG -LEAD FREE-			
		10 OVER 30 UNDER	±0.25	CHECKED BY K.TOYODA	DATE 2004/12/08				
		30 OVER	±0.3	APPROVED BY N.UKITA	DATE 2004/12/08	MOLEX MOLEX INCORPORATED			
		ANGULAR ±3 °		MATERIAL NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52437-020		2 OF 3	
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



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Rev. D 2004/04/02