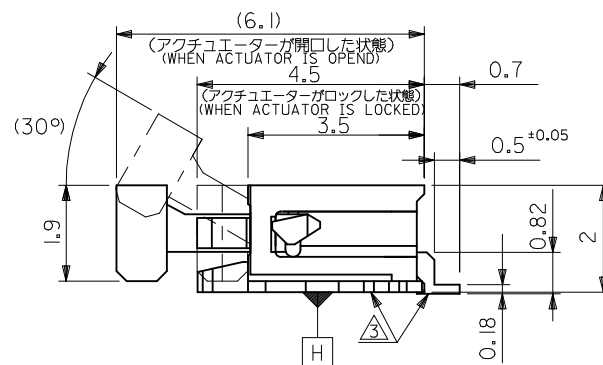
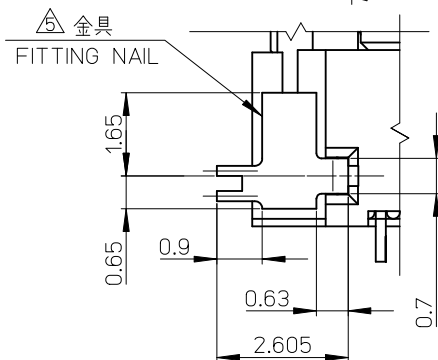
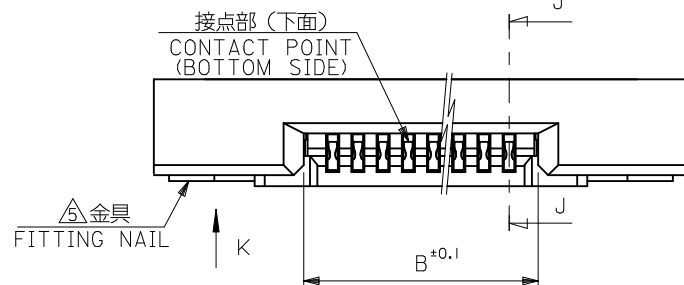
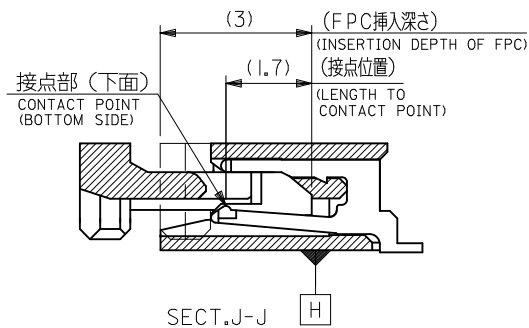
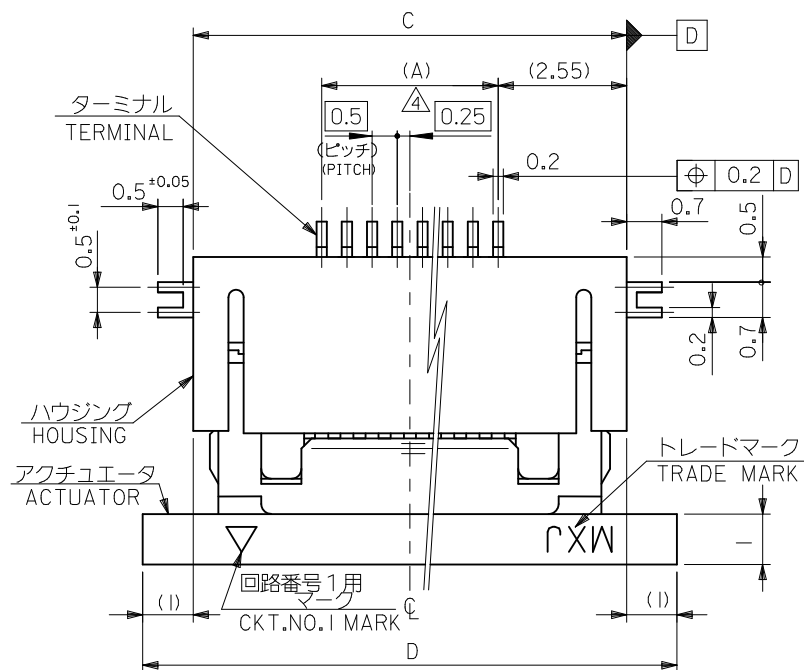




21.6	19.6	15.65	14.5	52437-3071	30
21.1	19.1	15.15	14.0	52437-2971	29
20.6	18.6	14.65	13.5	52437-2871	28
20.1	18.1	14.15	13.0	52437-2771	27
19.6	17.6	13.65	12.5	52437-2671	26
19.1	17.1	13.15	12.0	52437-2571	25
18.6	16.6	12.65	11.5	52437-2471	24
18.1	16.1	12.15	11.0	52437-2371	23
17.6	15.6	11.65	10.5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

CONNECTOR SERIES NO. : 52437-**-29

REVISED EC NO: J2011-0041 DRAWN:HYOSHINO CHKD:H IJIMA APPR:KMORI KAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	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 R/A (BOTTOM CONTACT) GOLD PLATING			
		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 INCORPORATED			
		ANGULAR ±3 °		MATERIAL NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52437-019		1 OF 2	
	REV D			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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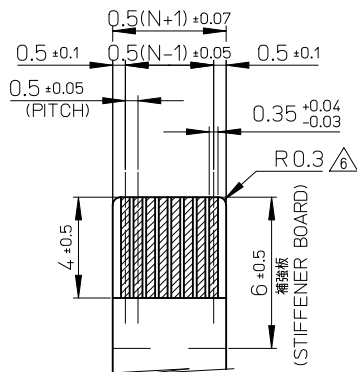
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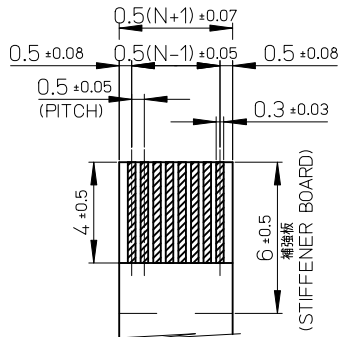
3

2

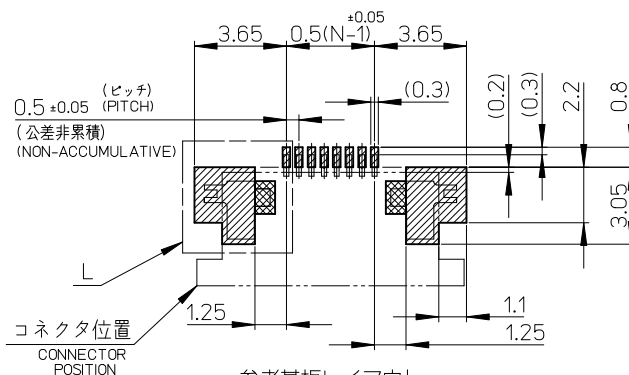
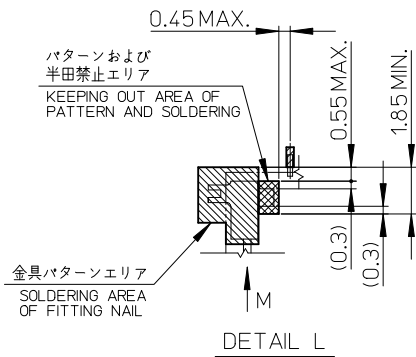
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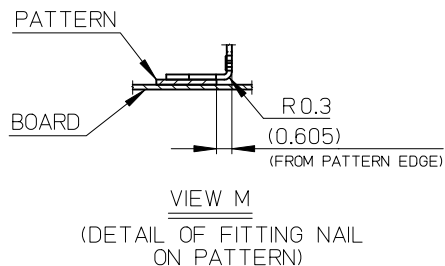
適合金めっきFPC推奨寸法
APPLICABLE FPC OF GOLD
PLATING RECOMMENDED DIMENSION
仕上がり厚さ: 0.3±0.05
THICKNESS: 0.3+0.05/-0.05



適合金めっきFFC推奨寸法
APPLICABLE FFC OF GOLD
PLATING RECOMMENDED DIMENSION
仕上がり厚さ: 0.3±0.05
THICKNESS: 0.3+0.05/-0.05



参考基板レイアウト
(マウント面)
RECOMMENDED P.C. BOARD
PATTERN DIMENSION (REF.)
(MOUNTING SIDE)



注記NOTES

1.使用材料

MATERIAL

ハウジング: 46ナイロン、ガラス充填、UL94V-0、白
HOUSING: PA46, GLASS FILLED, UL94V-0, WHITE
アクチュエータ: ポリフェニレンサルフィド (PPS)、ガラス充填、UL94V-0、茶色
ACTUATOR: POLYPHENYLENE SULFIDE, GLASS FILLED, UL94V-0, BROWN
ターミナル: リン青銅、ニッケル下地金めっき (t=0.2)
TERMINAL: PHOSPHOR BRONZE, GOLD OVER NICKEL PLATING
金具: リン青銅、ニッケル下地金めっき (t=0.2)
FITTING NAIL: PHOSPHOR BRONZE, TIN OVER NICKEL PLATING

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になります。

IN THE PACKAGE, ACTUATOR OF PART
NO.52437-**-29 SHOULD BE LOCKED.

3.ソルダーテ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に対して上方向に0.1MAXIMUM、下方向0.15MAXIMUMとする。 MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM DATUM-H.

UPPER DIRECTION: 0.1 MAXIMUM
LOWER DIRECTION: 0.15 MAXIMUM

4.偶数極に適用

APPLY FOR EVEN CIRCUIT.

5.ハターン剥離止め金具

FITTING NAIL FOR PREVENTION OF PEELING OF P.W.B. PATTERN.

6.R0.3は、FPCの導体部にかからないこと

R0.3 MUST NOT BE OVERLAPED TO PATTERN OF FPC.

7.ソルダーテールの平坦度は、0.1MAXIMUMとする。

SOLDER TAIL COPLANARITY IS 0.1 MAXIMUM.

8.ELV 及び RoHS 適合品

ELV AND RoHS COMPLIANT

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. J2011-0041	DRWN: YOSHINO	CHKD: H. IJIMA	APPR: KMORI KAWA	REV	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
							10 UNDER	± ---	DRAWN BY	DATE	TITLE			
							10 OVER	30 UNDER	M. UMEDA	2004/12/08	0.5 FPC CONN. ZIF FOR SMT R/A (BOTTOM CONTACT) GOLD PLATING MOLEX INCORPORATED	SD-52437-019	2 OF 2	EN-02JA(021)
							30 OVER	± ---	CHECKED BY	DATE				
							ANGULAR	± --- °	APPROVED BY	DATE				
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		N. UKITA	2004/12/08				
									MATERIAL NO.		SEE TABLE			
									SIZE	A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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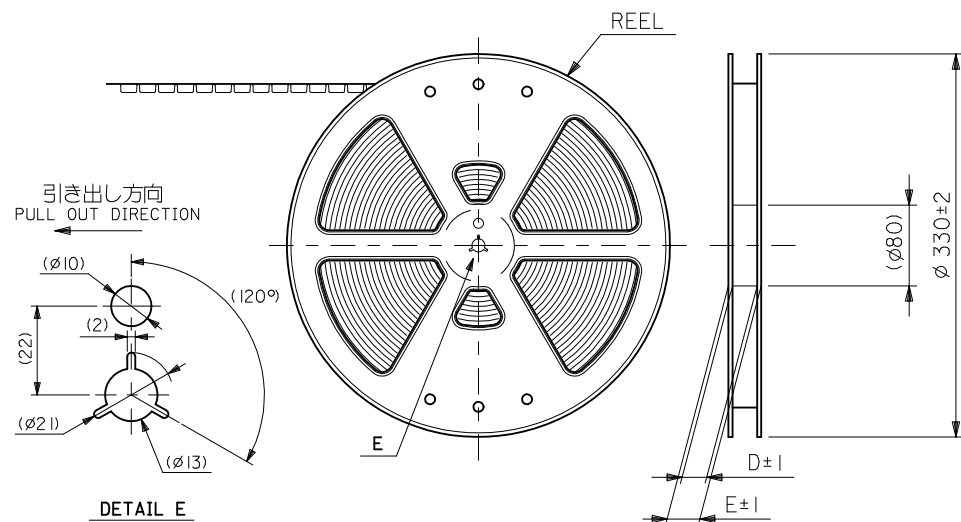
6

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2



5. 材料 (MATERIAL)

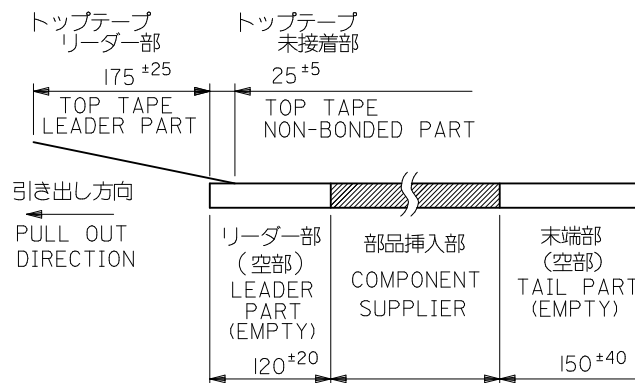
キャリアテープ (CARRIER TAPE): ポリプロピレン (POLYPROPYLENE)
 トップテープ (TOP TAPE): PET, PE, PEF
 リール (REEL): ポリスチレン (PS) <リサイクル材を含む>
 POLYSTYREN (PS) <RECYCLE MATERIAL CONTAINED>

6. 本製品は 52437-**-91 の鉛フリー品である。

THIS PRODUCT IS LEAD FREE OF 52437-**-91.

注記 NOTES

- 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.
- 梱包数量: 1000個/リール
 NUMBER OF CONNECTORS: 1000PCS/REEL
- 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。)

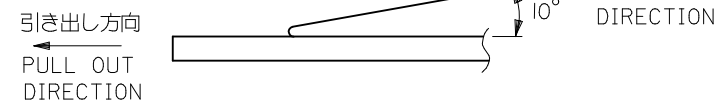
PEELING OFF FORCE OF TOP TAPE

0.1N ~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



MODEL NO. 52437-**-71

DESIGN UNITS METRIC THIRD ANGLE PROJECTION

REVISED EC NO.: J2012-0850 DRAWN: K. NAGUMO CHKD: H. IJIMA APPR: K. MORIKAWA	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 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			
		ANGULAR ±3 °		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-52437-020	SHEET NO. 1 OF 3	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

F

E

D

C

B

A

F

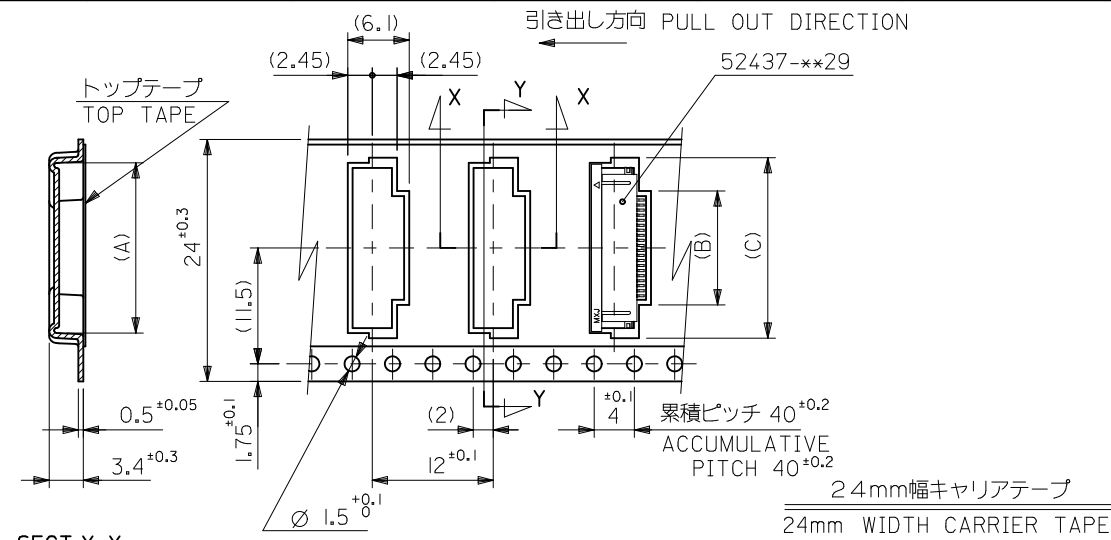
E

D

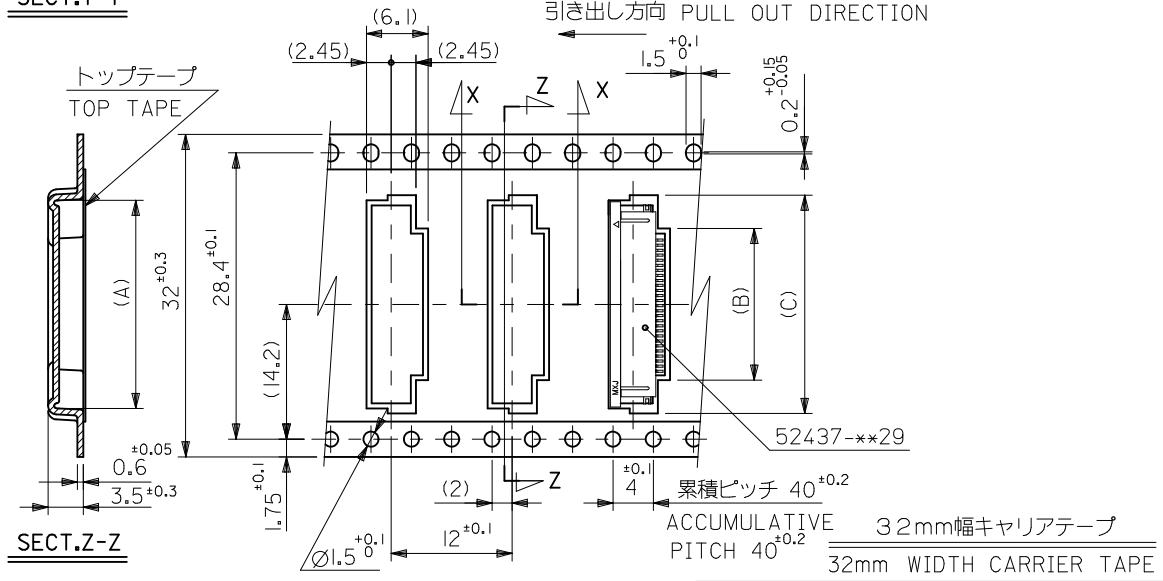
C

B

A



SECT.Y-Y



SECT.Z-Z

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
24	29.4	25.4	18.9	12.3	17.9	52437-2271	22
			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)	MODEL NO. 52437-**71		

REVISED	EC NO: J2012-0850 DRWN:KAGUMO CHKD:H IJIMA APPR:KMORIKAWA	2011/12/28 2011/12/28 2011/12/28	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 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 INCORPORATED
				ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52437-020			2 OF 3
				C	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

F

E

D

C

B

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F

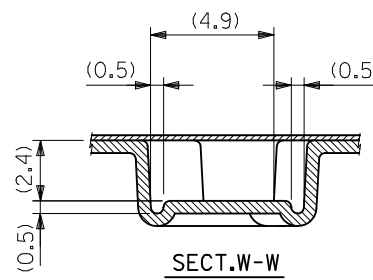
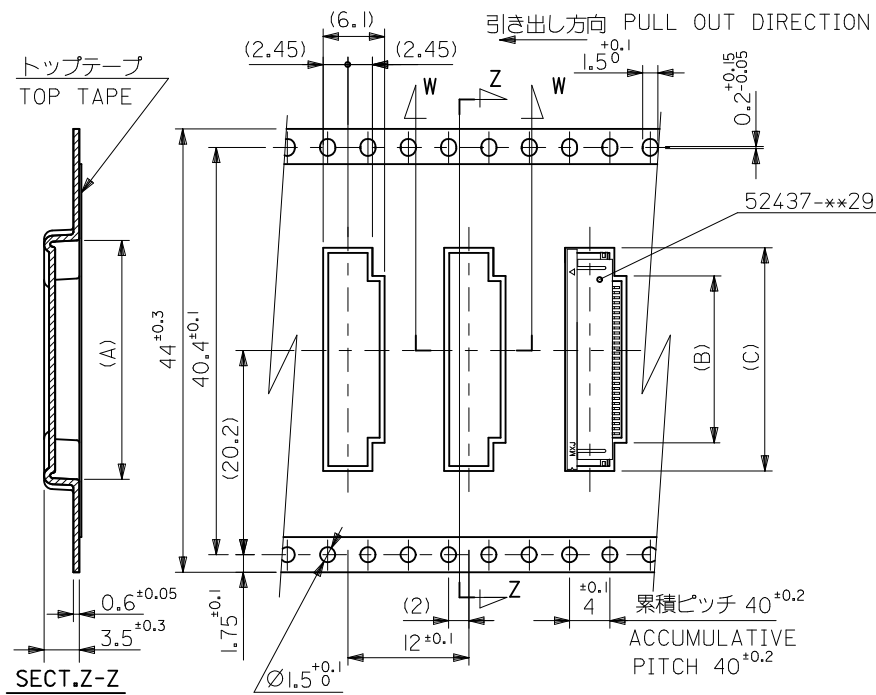
E

D

C

B

A



44mm幅キャリアテープ
44mm WIDTH CARRIER TAPE

44	49.4	45.4	22.9	16.3	21.9	52437-3071	30
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	MATERIAL NO.	極数 CIRCUIT
MODEL NO.						25437-**-71	

REVISED EC NO: J2012-0850 DRW:KNAGUMO CHKD:HIJIMA APPR:KMORIKAWA 2011/12/28 2011/12/28 2011/12/28	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 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 INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52437-020			3 OF 3	
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								