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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、ニッケル下地鍍びスズめっき (t=0.2)
 TERMINAL: PHOSPHOR BRONZE, TIN BISMUTH OVER NICKEL PLATING
 金具：リン青銅、ニッケル下地鍍び (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-**-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.ソルダータールの平坦度は、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。

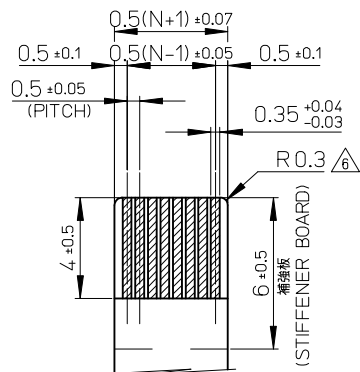
補強フィルム材質はポリイミドを推奨致します。

接着剤は熱硬化接着剤を推奨致します。

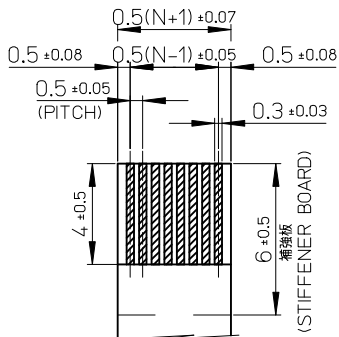
ABOUT FPC:

RECOMMENDED PUNCHER DIRECTION :
 FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.

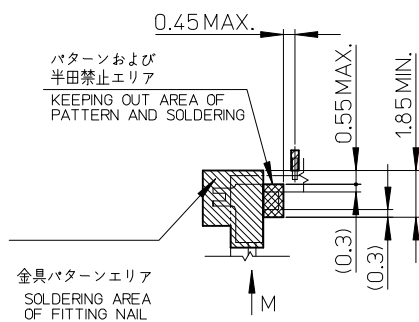
RECOMMENDED MATERIAL:
 STIFFENER FILM : POLYIMIDE
 BONDING AGENT : THERMOSETTING BONDING AGENT



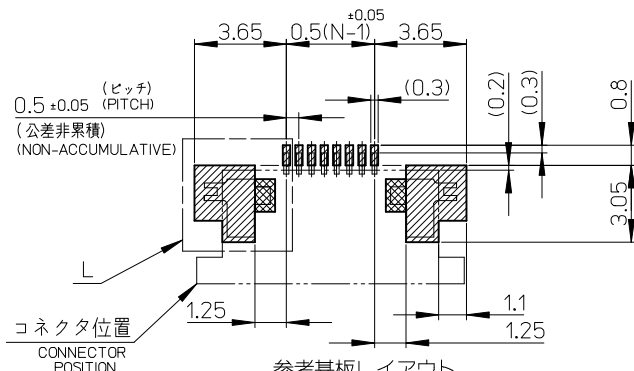
適合銅系めっきFPC推奨寸法
 APPLICABLE FPC OF TIN
 PLATING RECOMMENDED DIMENSION
 仕上がり厚さ: 0.3 ± 0.05
 THICKNESS: 0.3 ± 0.05/-0.05



適合銅系めっきFFC推奨寸法
 APPLICABLE FFC OF TIN
 PLATING RECOMMENDED DIMENSION
 仕上がり厚さ: 0.3 ± 0.05
 THICKNESS: 0.3 ± 0.05/-0.05

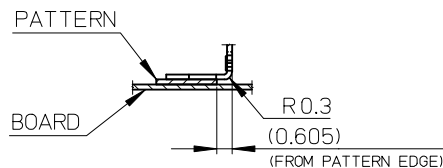


DETAIL L



参考基板レイアウト
 (マウント面)

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



VIEW M

(DETAIL OF FITTING NAIL
 ON PATTERN)

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REVISED	EC NO. J2013-1532	DRWN: NINOUE01 CHKD: H. IJIMA APPR: Y. OGAWA	2013/06/21 2013/06/21 2013/06/28	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
					10 UNDER	± 0.2	DRAWN BY YSAKIYAM	DATE '04/01/08	TITLE 0.5 FPC CONN. ZIF FOR SMT R/A (BOTTOM CONTACT) TIN-BISMUTH PLATING			
					10 OVER 30 UNDER	± 0.25	CHECKED BY MSASAO	DATE '04/01/08				
					30 OVER	± 0.3	APPROVED BY MSASAO	DATE '04/01/08				
					ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52437-017		2 OF 2	
							SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

F

E

D

C

B

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F

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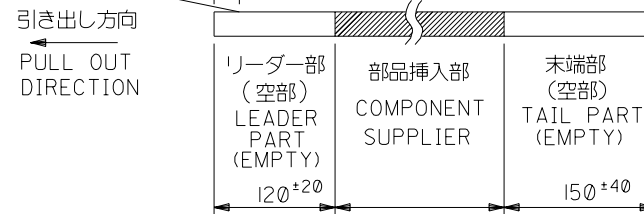
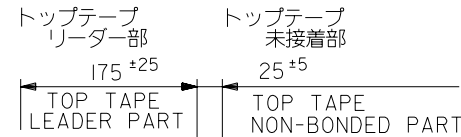
B

A
SD-52437-018.S01

SD-52437-018

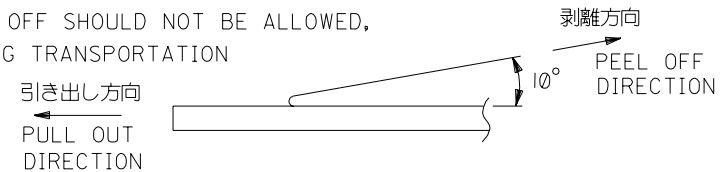
注記 NOTES

- 製品番号 52437-***26 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-52437-017 を参照下さい。
IN THE PACKAGE,ACTUATOR OF PART NO.52437-***26 SHOULD BE LOCKED
RE DETAILED DIMENSIONS,SEE SD-52437-017.
- 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



- 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



5. 材料 (MATERIAL)

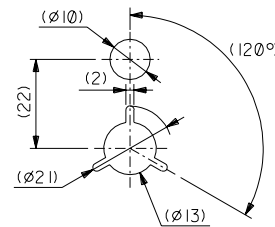
キャリアテープ (CARRIER TAPE) : ポリプロピレン (POLYPROPYLENE)
トップテープ (TOPTAPE) : PET, PE, PEF
リール (REEL) : ポリスチレン (PS) <リサイクル材を含む>
POLYSTYREN (PS) <RECYCLE MATERIAL CONTAINED>

6. 本製品は 52437-***91 の鉛フリー品である。

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

REEL

引き出し方向
PULL OUT DIRECTION



DETAIL E

D ±1
E ±1

注記参照
SEE NOTESMATERIAL
材料FINISH
仕上げWIRE RANGE
適用電線範囲INS. RANGE
被覆外径GENERAL TOLERANCES:
(UNLESS SPECIFIED)
一般公差10 UNDER
未満10 OVER 30 UNDER
以上 未満30 OVER
以上

ANGLE 角度

SCALE
—//—DRAWN BY & DATE
Y.SAKIYAMA '04/01/08CHECKED BY & DATE
M.SASAO '04/01/08APPROVED BY & DATE
M.SASAO '04/01/08CAD FILENAME
SD-52437-018.S01DESIGN UNITS
☒ mm ☐ INCHTHIRD ANGLE
PROJECTION

DIMENSIONS:

☐ mm ☐ INCH
☒ mm ☐ INCHSHT
REVISE ON
CAD ONLYSHT
REVSHT
REVSHT
REVSHT
REVSHT
REVSHT
REV

TITLE:
0.5 FPC Conn Assy ZIF SMT RA
With Tape Embstp Pkg -LEAD FREE-

MOLEX INCORPORATED

MATERIAL NO.
52437-***72DRAWING NO.
SD-52437-018SHEET NO.
1 OF 3THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.SIZE
B

EN-02J(097) MXJ-54

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SECT.X-X

SECT. Y-Y

引き出し方向 PULL OUT DIRECTION

SECT.Z-Z

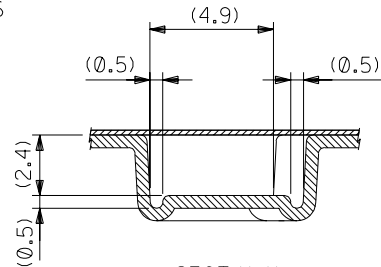
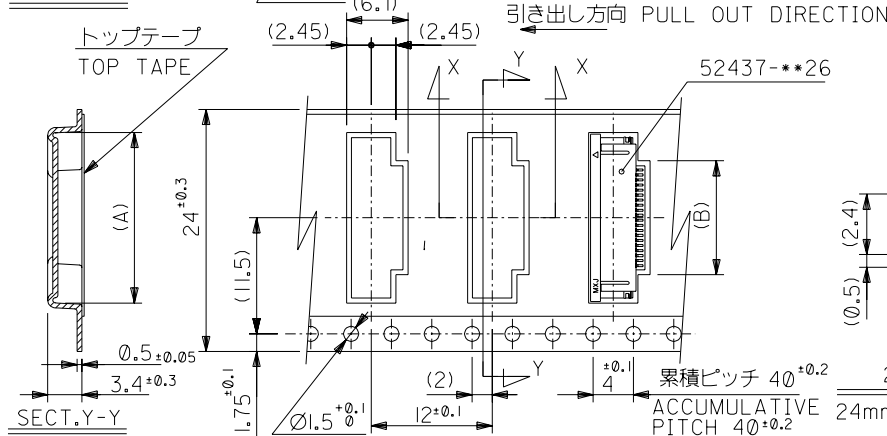
ACCUMULATIVE PITCH $40^{+0.2}$ 32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	37.4	33.4	22.4	15.8	21.4	52437-2972	29	
			21.9	15.3	20.9	▲	-2872	28
			21.4	14.8	20.4		-2772	27
			20.9	14.3	19.9		-2672	26
			20.4	13.8	19.4		-2572	25
			19.9	13.3	18.9		-2472	24
			19.4	12.8	18.4		-2372	23
			18.9	12.3	17.9		-2272	22
24	29.4	25.4	17.9	11.3	16.9		-2072	20
			17.4	10.8	16.4		-1972	19
			16.9	10.3	15.9		-1872	18
			16.4	9.8	15.4		-1772	17
			15.9	9.3	14.9		-1672	16
			15.4	8.8	14.4		-1572	15
			14.9	8.3	13.9		-1472	14
			14.4	7.8	13.4		-1372	13
			13.9	7.3	12.9		-1272	12
			13.4	6.8	12.4		-1172	11
			12.9	6.3	11.9		-1072	10
			12.4	5.8	11.4		-0972	9
			11.9	5.3	10.9		-0872	8
			11.4	4.8	10.4	▼	-0772	7
10.9	4.3	9.9	52437-0672	6				
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	MATERIAL NO.	極数 CIRCUM	

EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	EC NO. DRWN: CHK: APPR:	REVISED '04/02/09 EC NO. J2004-2350 DRWN: N.AIDA CHK: K.TOJO APPR: M.SASAO	RELEASED '04/01/08 EC NO. J2004-1850 DRWN: Y.SAKIYAMA CHK: M.SASAO APPR: M.SASAO	DESCRIPTION	MATERIAL 材料	SHEET 1 OF 3 参照 REFER TO SHEET 1 OF 3	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	SCALE —/—	DESIGN UNITS ☑mm ☐INCH	THIRD ANGLE PROJECTION ☉	☐ mm INCH ☐ INCH mm ☒ mm ONLY	REVISE ON CAD ONLY
						FINISH 仕上		10 UNDER 未満	±0.2	DRAWN BY & DATE Y.SAKIYAMA '04/01/08	TITLE: 0.5 FPC Conn Assy ZIF SMT RA With Tape Embstp Pkg -LEAD FREE- MOLEX INCORPORATED		
						WIRE RANGE 適用電線範囲		10 OVER 以上	30 UNDER 未満	±0.25		CHECKED BY & DATE M.SASAO '04/01/08	
								30 OVER 以上	±0.3	APPROVED BY & DATE M.SASAO '04/01/08			
					REV	INS. RANGE 被覆外径	ANGLE 角度	±3°	CAD FILENAME SD-52437-018.S02	MATERIAL NO. 52437-**72	DRAWING NO. SD-52437-018	SHEET NO. 2 OF 3	
										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			SIZE B

SECT.Z-Z

トップテープ
TOP TAPE



24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

24	29.4	25.4	11.8	17.4	52437-2172	21
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(B)	(A)	MATERIAL NO.	極数 CIRCUIT

SD-52437-018.S03