

10

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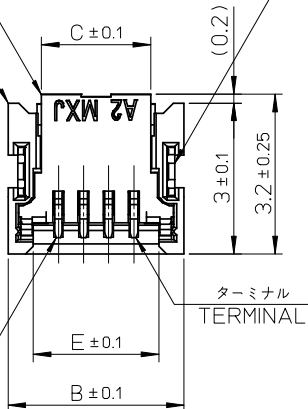
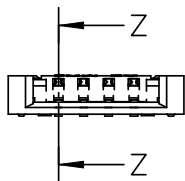
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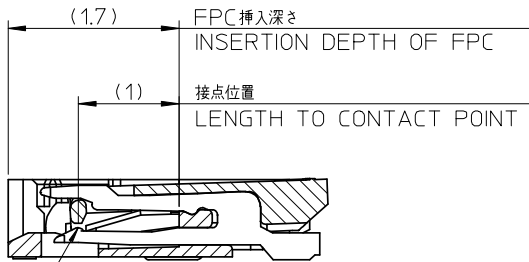
2

1

アクチュエータ
ACTUATORハウジング
HOUSING補強金具
FITTING NAILターミナル
TERMINAL回路番号 1
CIRCUIT NO.1

Z

Z



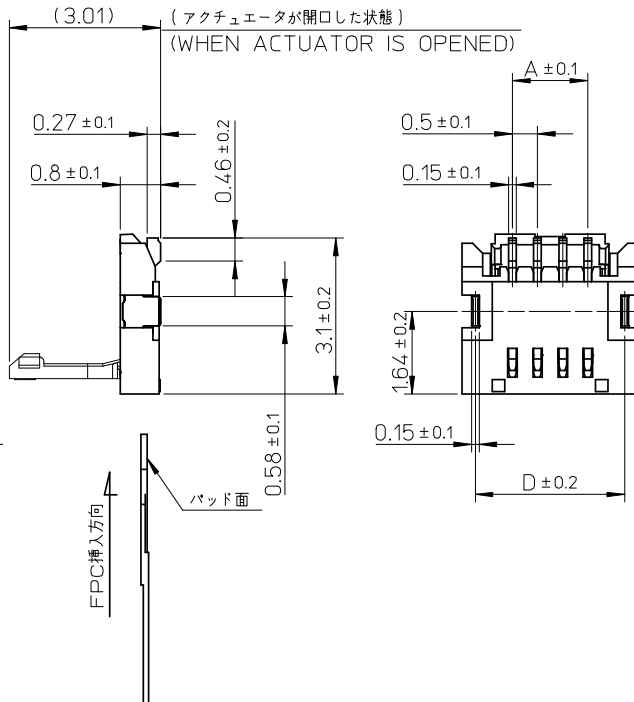
(1.7)

FPC 挿入深さ
INSERTION DEPTH OF FPC

(1)

接点位置
LENGTH TO CONTACT POINT接点部 (下面)
CONTACT POINT
(BOTTOM CONTACT)

SECTION Z-Z



FPC 挿入方向

パッド面

注記
NOTES:

1.材質

MATERIAL

ハウジング: 耐熱性樹脂、ガラス充填、UL94V-0

HOUSING: HEAT RESISTANCE POLYMER, GLASS FILLED, UL94V-0

アクチュエータ: 耐熱性樹脂、ガラス充填、UL94V-0

ACTUATOR: HEAT RESISTANCE POLYMER, GLASS FILLED, UL94V-0

ターミナル: 銅合金 (t=0.15)

TERMINAL: COPPER ALLOY (t=0.15)

補強金具: 銅合金 (t=0.15)

NAIL: COPPER ALLOY (t=0.15)

2.めっき仕様

PLATING

ターミナル: 部分金メッキ

接点部 0.1マイクロメートル以上

半田付け部 0.05マイクロメートル以上

TERMINAL: SEPARATED GOLD PLATING

CONTACT AREA 0.1 MICROMETER MINIMUM.

SOLDER TAIL AREA 0.05 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 MINIMUM.

補強金具: 銅メッキ 1.0マイクロメートル以上

NAIL: 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 MINIMUM.

3.平坦度は、0.1mm以下とする。

TAILS AND NAILS COPLANARITY TO BE 0.1mm MAXIMUM.

4.0	4.47	3.68	5.0	3.0	NOT AVAILABLE	NOT AVAILABLE	7
3.5	3.97	3.18	4.5	2.5	501461-0601	501461-0609	6
3.0	3.47	2.68	4.0	2.0	501461-0501	501461-0509	5
2.5	2.97	2.18	3.5	1.5	501461-0401	501461-0409	4
E	D	C	B	A	エンボス極細品 EMBOSSED PACKAGING		製品番号 MATERIAL NO.
					ORDER No. オーダー番号		極数(N) CIRCUITS(N)

REVISED EC NO: J2008-4048 DRAWN:MABEI 2008/06/13 CHKD:THARUYAMA 2008/06/16 APPR:NUKITA 2008/06/16	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER		DRAWN BY RSMIYA		DATE 2004/11/10		TITLE 0.5 FPC CONN BACK FLIP HGT=0.8 HSG ASSY -LEAD FREE-		
		10 OVER 30 UNDER		CHECKED BY HHIRATA		DATE 2004/11/10				
		30 OVER		APPROVED BY MSASAO		DATE 2004/11/10				
		ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	REV	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				

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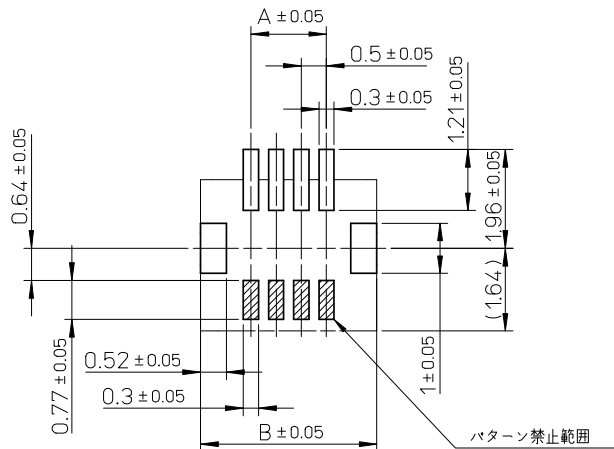
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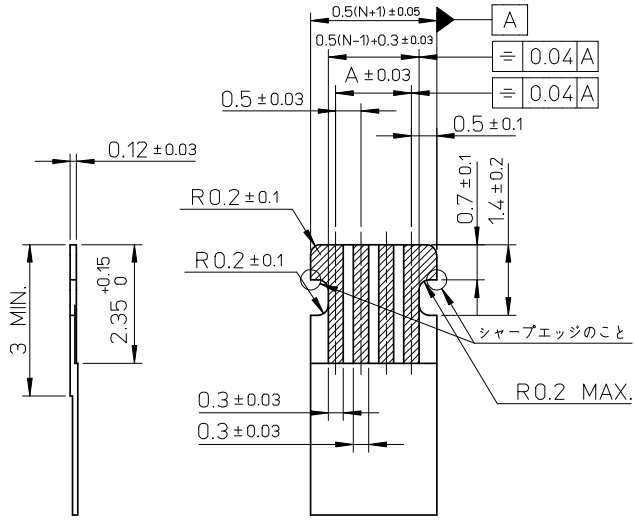
4

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2



推奨基板寸法
RECOMMENDED P.C.BOARD PATTERN LAYOUT



推奨FPC寸法
RECOMMENDED FPC PATTERN LAYOUT

FPCについて:
抜き方向は、導体側から補強板側を推奨します。
補強フィルム材質は、ポリイミドを推奨します。
接着剤は、熱硬化接着剤を推奨します。
尚、接着剤の接点部への付着は、導通不良の原因となりますので染み出しが無いよう、お願いします。

ABOUT FPC:
RECOMMENDED PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFNER FILME SIDE.
RECOMMENDED MATERIAL:
STIFFNER FILME: POLYIMIDE
BONDING AGENT: THRMOSSETTING AGENT
PLEASE PUT APPROPRIATE AMOUNT OF ASHESIVE MAY CAUSE
THE DEFECT IN ELECTRICAL CONTINUITY.

REVISED EC NO: J2008-4048 DRWN: MWABEI CHKD: THARUYAMA APPR: NUKITA	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY RSUMIYA	DATE 2004/11/10	TITLE 0.5 FPC CONN BACK FLIP HGT=0.8 HSG ASSY -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY HHIRATA	DATE 2004/11/10					
		30 OVER	± 0.3	APPROVED BY MSASAO	DATE 2004/11/10	MOLEX INCORPORATED				
		ANGULAR ±1 °	MATERIAL NO. SEE SHEET 1		DOCUMENT NO. SD-501461-001		SHEET NO. 2 OF 2			
		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

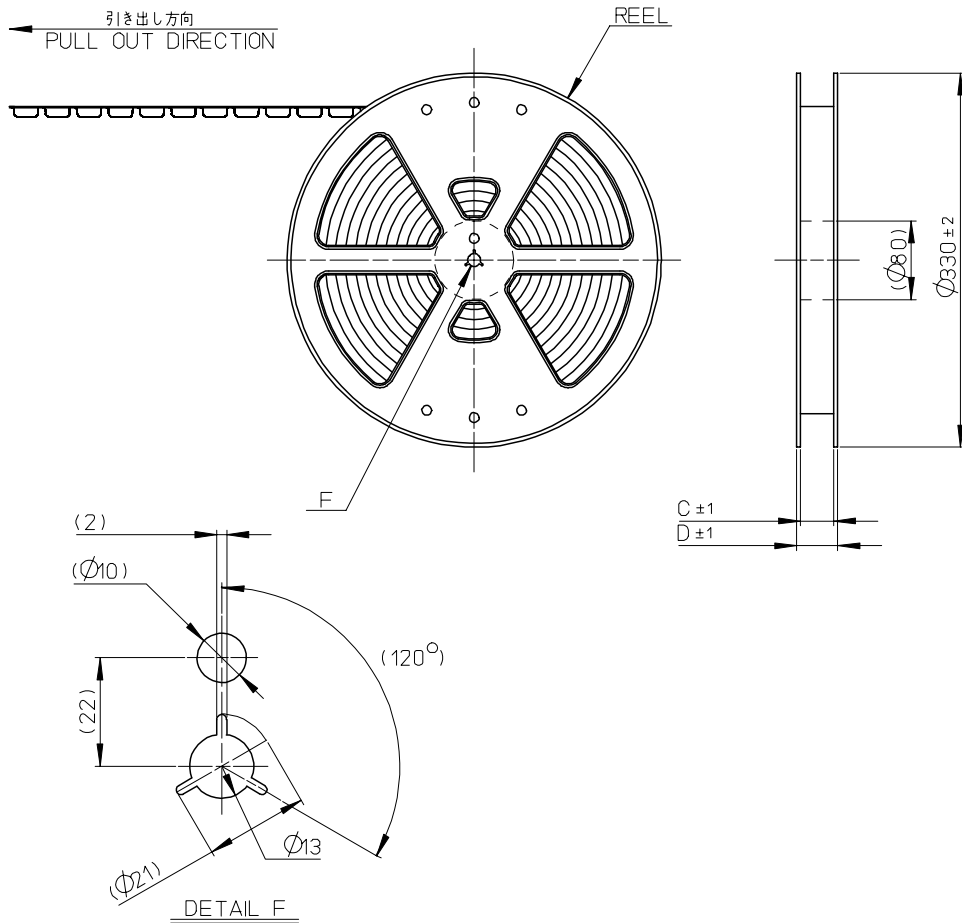
E

D

C

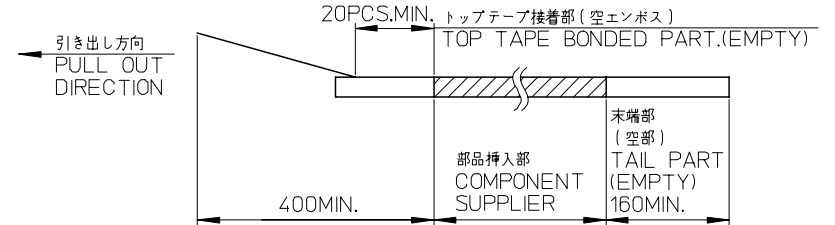
B

A

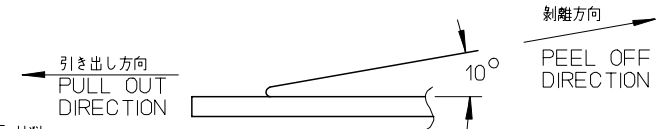


NOTES

- 製品詳細寸法については製品単体図面を参照下さい。
RE DETAILED DIMENSION, SEE PRODUCT DRAWING.
- 梱包数量: 3000個/リール
NUMBER OF CONNECTORS 3000PCS/REEL
- リードテープ長さ
LEAD TAPE LENGTH

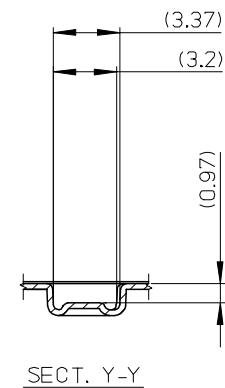


- トップテープの剥離強度: 0.1N~1.3N { 10gf~130gf }
(剥離強度は下図参照)
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE: 0.1N~1.3N(10gf~130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTATION.



- 材料
MATERIAL
キャリアテープ(CARRIRE TAPE): ポリスチレン (POLYSTYRENE)
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>
POLYSTYRENE(PS) <RECYCLE MATERIAL CONTAILED>

REVISED	EC NO: J2008-0606 DRWN:YAOYAGI 2007/09/06 CHKD:THARUYAMA 2007/09/10 APPR:NUKITA 2007/09/10	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			10 UNDER ±0.2		DRAWN BY RSUMIYA		DATE 2005/02/07		TITLE 0.5 FPC CONN BACK FLIP H=0.8 EMBSTP PKG -LEAD FREE- MOLEX INCORPORATED
			10 OVER 30 UNDER ±0.25		CHECKED BY HHIRATA		DATE 2005/02/07		
			30 OVER ±0.3		APPROVED BY MSASAO		DATE 2005/02/07		
			ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2		SD-501461-002		
REV					SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			SHEET NO. 1 OF 2



TOLERANCES (AS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1		501461-xx01		MODEL NO.	
							DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	

tb_frame_A3_J_ME_S
Rev. D 2004/04/02