

10

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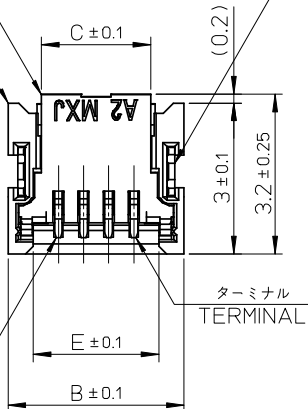
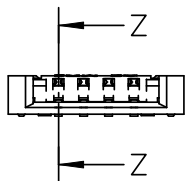
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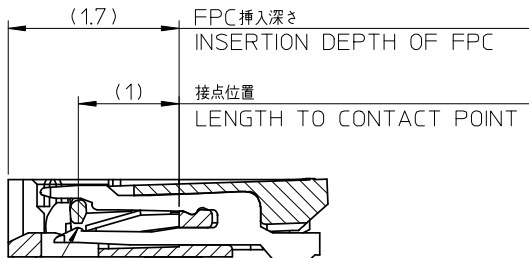
2

1

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

FPC挿入方向

パッド面

(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

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 DRWN: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 ± 0.2		DRAWN BY DATE RSMIYA 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 DATE HHIRATA 2004/11/10				
		30 OVER ± 0.3		APPROVED BY DATE MSASAO 2004/11/10				
		ANGULAR ±1 °		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-501461-001		
H	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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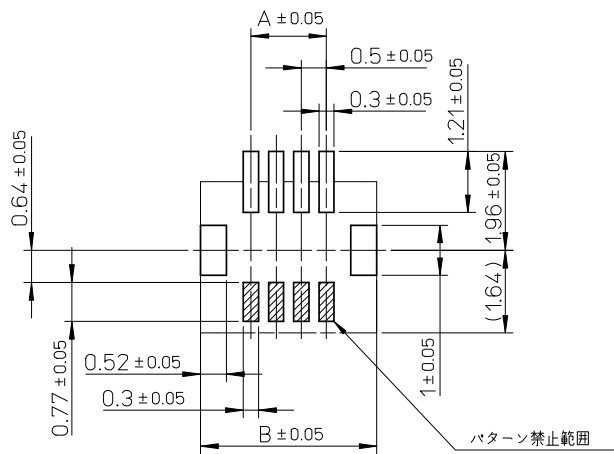
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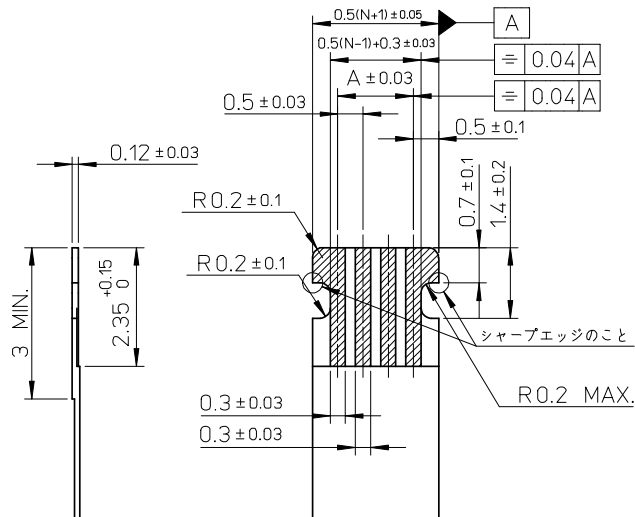
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3

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

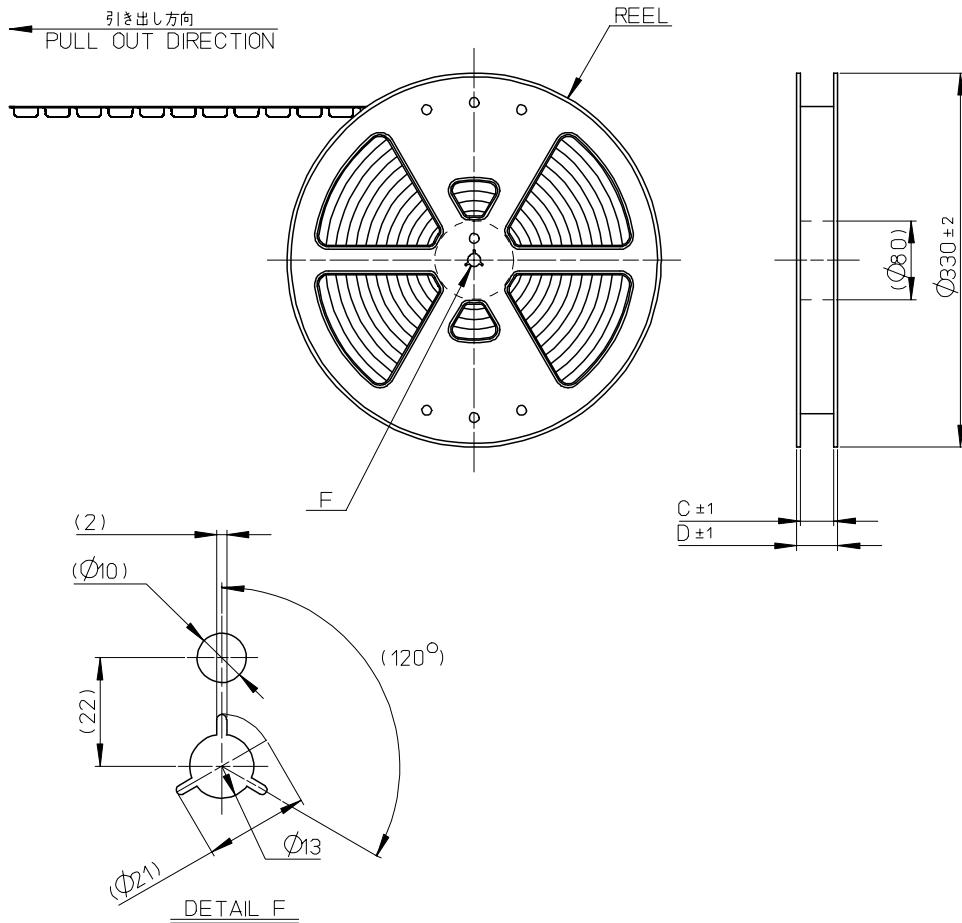
E

D

C

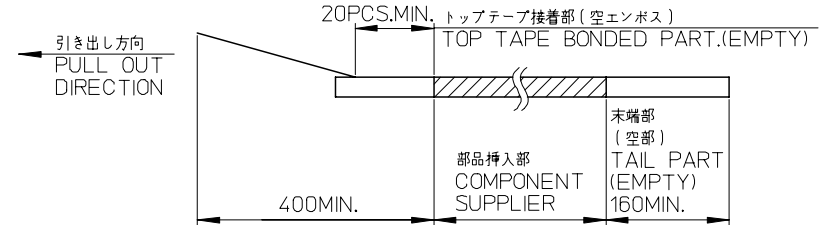
B

A

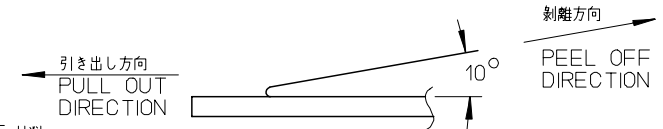


NOTES

- 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

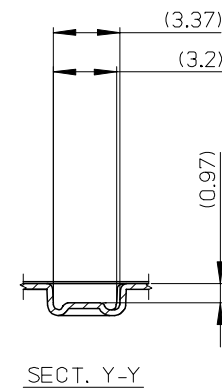


- トップテープの剥離強度: 0.1N~1.3N { 10gf~130gf }
(剥離強度は下図参照)
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE : 0.1N~1.3N(10gf~130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTATION.



- 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 R SUMIYA	DATE 2005/02/07	TITLE 0.5 FPC CONN BACK FLIP H=0.8 EMBSTP PKG -LEAD FREE-			
		10 OVER 30 UNDER	±0.25	CHECKED BY H HIRATA	DATE 2005/02/07				
		30 OVER	±0.3	APPROVED BY M SASAO	DATE 2005/02/07	MOLEX INCORPORATED			
		ANGULAR ±1	°	MATERIAL NO.					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2		SD-501461-002		1 OF 2		
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



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

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Rev. D 2004/04/02