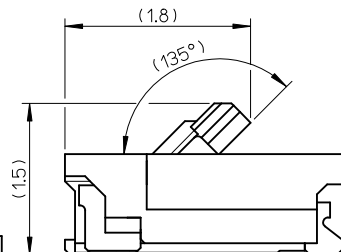
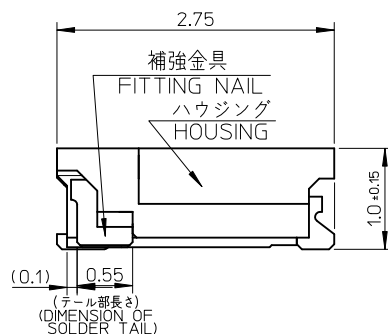
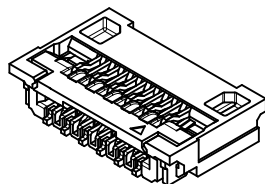
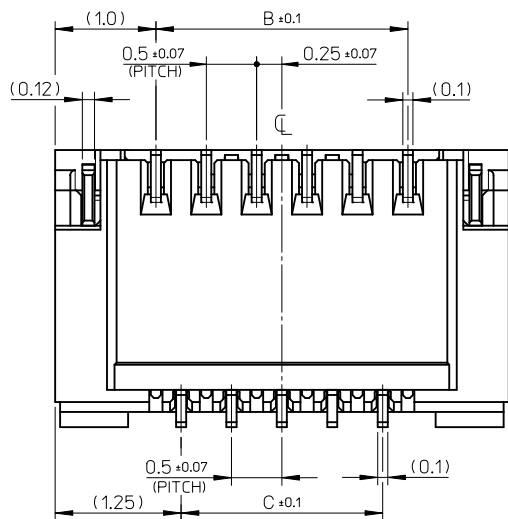
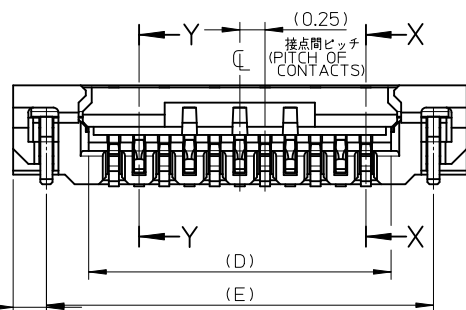
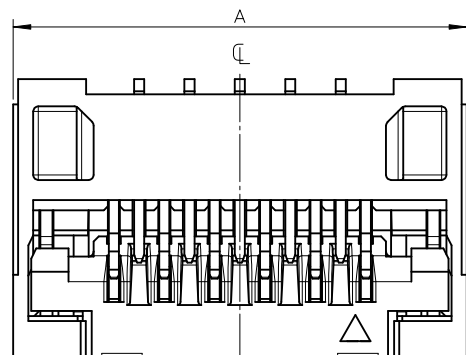
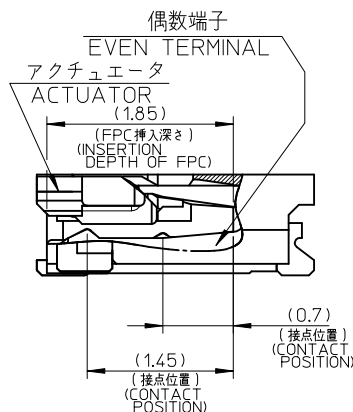


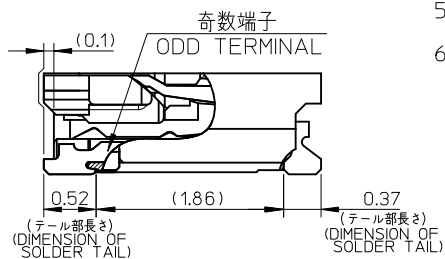
10 9 8 7 6 5 4 3 2 1



アクチュエータ開放位置
ACTUATOR OPENING POSITION



SECTION Y-Y



SECTION X-X

注記 NOTES

1. 使用材料 MATERIALS

- ハウジング : 耐熱性樹脂(UL94V-0、ベージュ)
アクチュエータ : 耐熱性樹脂(UL94HB、黒色)
奇数端子 : 銅合金、ニッケル下地、金メッキ
偶数端子 : 銅合金、ニッケル下地、金メッキ
補強金具 : 銅合金、ニッケル下地、スズメッキ
HOUSING : G.F. HEAT RESISTANCE PLASTIC (BEIGE)
ACTUATOR : G.F. HEAT RESISTANCE PLASTIC (BLACK)
ODD TERMINAL : COPPER ALLOY, Gold OVER Nickel PLATING
EVEN TERMINAL : COPPER ALLOY, Gold OVER Nickel PLATING
FITTING NAIL : COPPER ALLOY, Tin OVER Nickel PLATING

- △2 端子、補強金具のコプラナリティーは 0.1 以下とする
COPLANALITY OF SOLDER TAILS AND FITTING NAILS : 0.1MAX.

3. 一般公差 : ± 0.3
GENERAL TOLERANCES: ±0.3

- △4 アクチュエータの図示箇所にゲート逃の凹みがつきます
THERE ARE DENT SHAPES AT ACTUATOR FOR MOLDING GATE

5. ELV 及び RoHS 適合品
ELV AND RoHS COMPLIANT

6. 塩素系・臭素系難燃剤非使用
CHLORINATED AND BROMINATED FLAME RETARDANTS FREE

13.84	13	12	12.5	14.5	502078-5110	502078-5118	51
10.84	10	9	9.5	11.5	502078-3910	502078-3918	39
9.34	8.5	7.5	8	10	502078-3310	502078-3318	33
7.34	6.5	5.5	6	8	502078-2510	502078-2518	25
6.34	5.5	4.5	5	7	502078-2110	502078-2118	21
5.34	4.5	3.5	4	6	502078-1710	502078-1718	17
E	D	C	B	A	ORDER NO.	MATERIAL NO.	CKT.=N

502078-**-18

MODEL NO.

REVISED EC NO: J2012-0409 DRAWN: TANAKA CHKD: APPR: SHOSHIKAWA 2011/09/21 2011/09/30	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY		20:1	METRIC		
		10 UNDER	± ---	DRAWN BY YFUJITA	DATE 2008/12/15	TITLE 0.25 PITCH FPC CONN E/O HGT=1.0 BTM CONTACT TYPE			
		10 OVER 30 UNDER	± ---	CHECKED BY TKANEKO	DATE 2008/12/15				
	30 OVER	± ---	APPROVED BY AHORINO	DATE 2008/12/15	MOLEX MOLEX INCORPORATED				
REV	ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-502078-003		1 OF 2		
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



① 補強板長さが図面通り確保できない場合は、カバーレイと補強板のオーバーラップ寸法を 0.5mm 以上とってください
WHEN STIFFENER BOARD DIMENSION CAN NOT
SECURE AS DRAWING, PLEASE GIVE THE OVERLAP
SIZE OF COVER FILM AND STIFFENER BOARD AS
0.5mm MINIMUM

- 2 推奨ベースト厚 : 100 μ m
 推奨マスク開口率 : 80%
 RECOMMEND SCREEN THICKNESS : 100 μ m
 RECOMMEND SCREEN OPEN RATIO : 80%



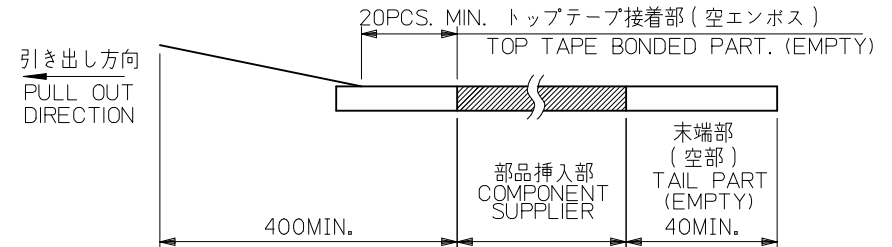
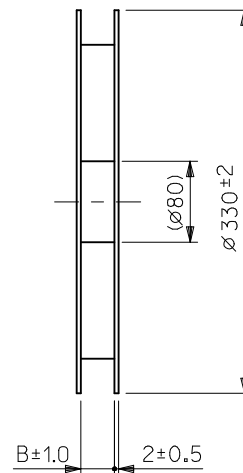
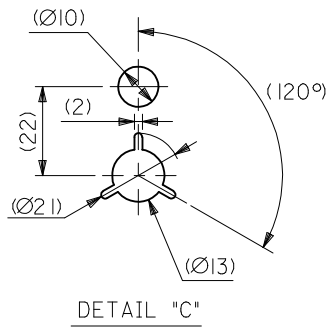
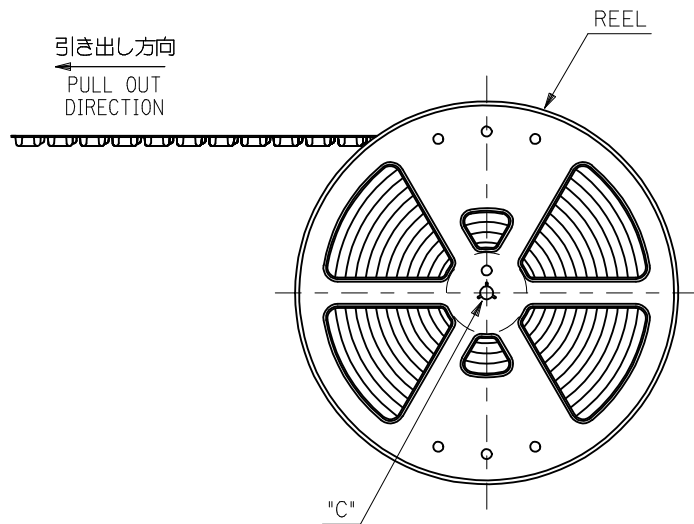
- ③ FPCパターンのメッキ仕様は
金メッキ : 0.14μm 以上
下地ニッケルメッキ : 2~6μm
FPC PATTERN PLATING
GOLD PLATING : 0.14μm MINIMUM
NICKEL UNDER PLATING : 2~6μm

- 4 FPCについて(About FPC)
- 抜き方向は、導体側から補強板側を推奨します
補強板材質は、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
なお、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ないよう、お願いします
- RECOMMENDED PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFENER BORAD SIDE
RECOMMENDED MATERIAL:
STIFFENER BOARD: POLYIMIDE
BONDING AGENT: THERMOSETTING AGENT
- PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON THE CONTACT AREA BECAUSE THE EXTRA ADHESIVE MAY CAUSE THE DEFECT IN ELECTRICAL CONTINUITY

REVISED EC NO: J2012-0409 DRAWN: MTANAKA CHKD: APPR: SHOSHIKAWA 2011/09/21 2011/09/30	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 20:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± ---	DRAWN BY YFUJITA	DATE 2008/12/15	TITLE 0.25 PITCH FPC CONN E/O HGT=1.0 BTM CONTACT TYPE			
		10 OVER 30 UNDER	± ---	CHECKED BY TKANEKO	DATE 2008/12/15				
		30 OVER	± ---	APPROVED BY AHORINO	DATE 2008/12/15	 MOLEX INCORPORATED			
		ANGULAR ±1 °		MATERIAL NO.					
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1 OF 2		SD-502078-003			2 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

注記 NOTES

- 製品詳細寸法については図面 SD-502078-003 を参照下さい。
RE DETAILED DIMENSION, SEE SD-502078-003
- 梱包数量 : 3000 個/リール
NUMBER OF CONNECTORS : 3000 PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



- 材料 MATERIAL
キャリアテープ (CARRIER 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 CONTAINED>

RELEASED EC NO.: J2009-1529 DRWN: YFUJITA CHKD: TKANEKO APPR: TKANEKO	DESCRIPTION REV 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	MODEL NO.	502078-**-10	THIRD ANGLE PROJECTION
				MM ONLY		1:1	DESIGN UNITS METRIC		
		10 UNDER	± 0.2	DRAWN BY	DATE	0.25 FPC CONN E/O HSG ASSY EMBOSSED TAPE PACKAGE  MOLEX INCORPORATED			
		10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE				
		30 OVER	± 0.3	APPROVED BY	DATE				
		ANGULAR ±1 °		MATERIAL NO.					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-502078-004		1 OF 2		
		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

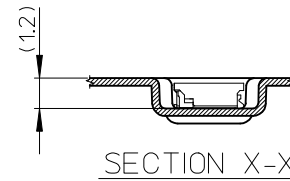
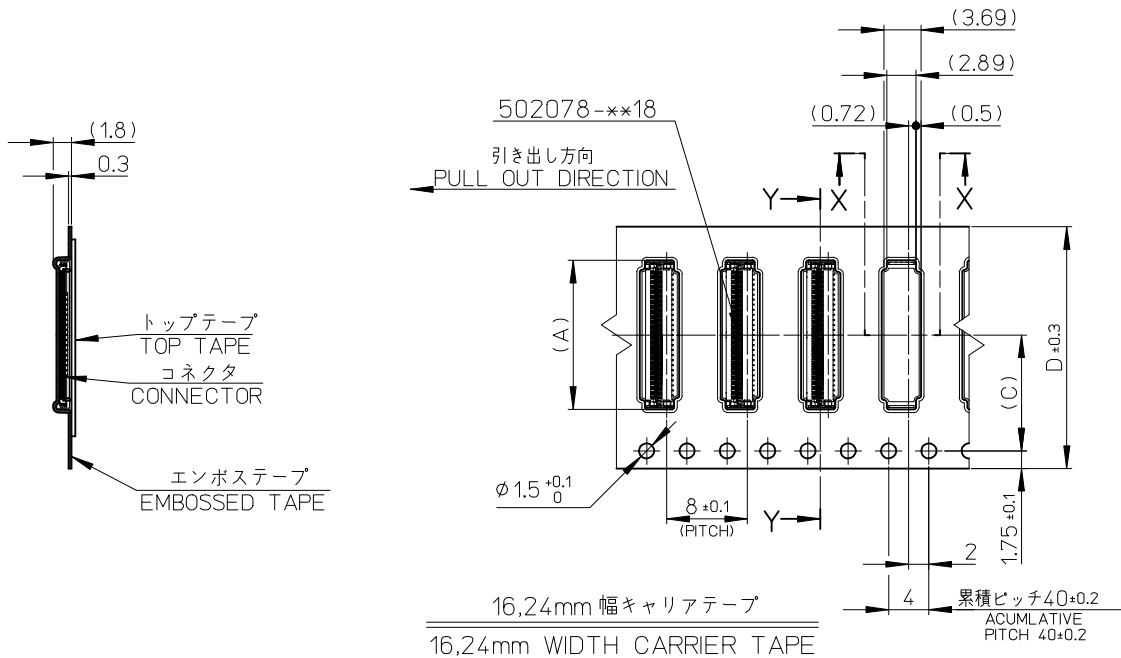
E

D

C

B

A



24	11.5	25.4	14.8	502078-5110	51
			11.8	502078-3910	39
			10.3	502078-3310	33
			8.3	502078-2510	25
			7.3	502078-2110	21
16	7.5	17.4	6.3	502078-1710	17
D キャリアテープ幅 CARRIER TAPE WIDTH			C	B	(A)
MODEL NO.			製品番号 MATERIAL NO.		
SCALE 1:1			DESIGN UNITS METRIC		
DIMENSION STYLE MM ONLY			THIRD ANGLE PROJECTION		
DRAWN BY YFUJITA			DATE 2008/12/15		
CHECKED BY TKANEKO			DATE 2008/12/15		
APPROVED BY AHORINO			DATE 2008/12/15		
MATERIAL NO.			DOCUMENT NO.		
SEE CHART			SD-502078-004		
SIZE A3			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
GENERAL TOLERANCES (UNLESS SPECIFIED)			0.25MM FPC CONN E/O HSG ASSY EMBOSSSED TAPE PACKAGE		
10 UNDER			$\pm$ 0.2		
10 OVER 30 UNDER			$\pm$ 0.25		
30 OVER			$\pm$ 0.3		
ANGULAR			$\pm$ 1°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MOLEX INCORPORATED		
RELEASED EC NO: J2009-1529 DRWN: YFUJITA CHKD: TKANEKO APPR: TKANEKO			SHEET NO. 2 OF 2		