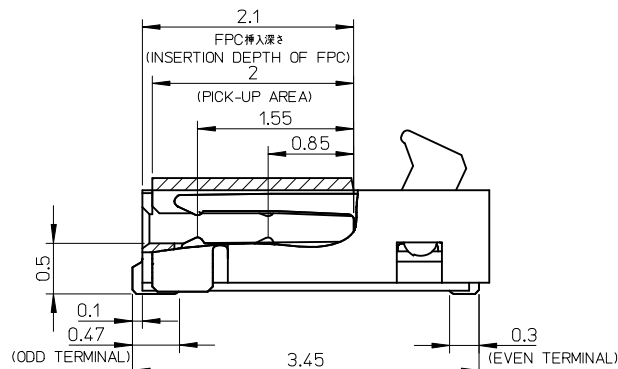
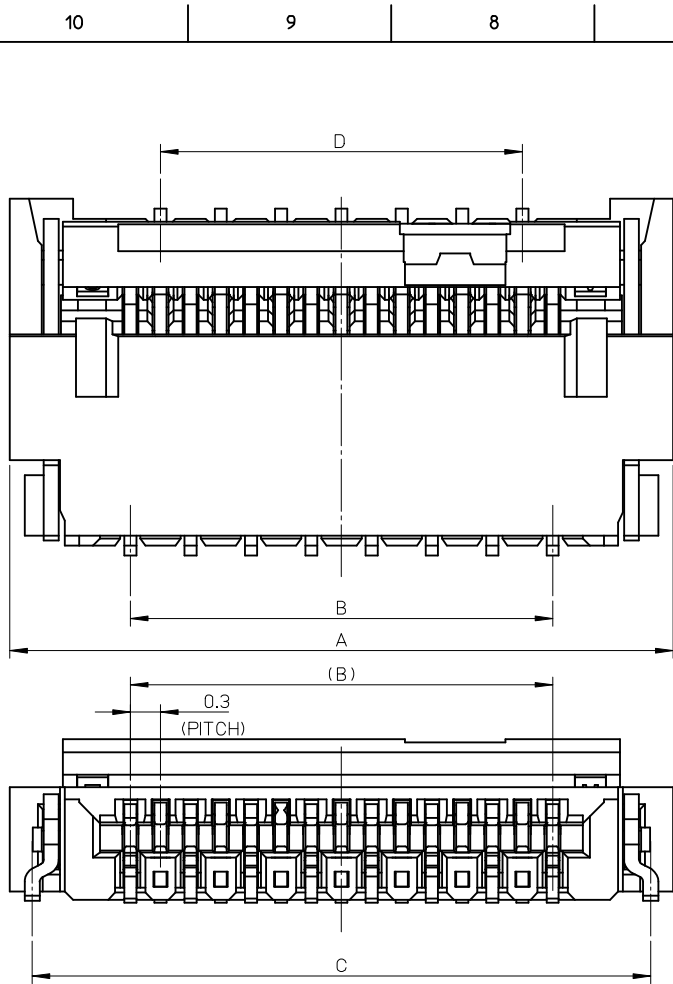
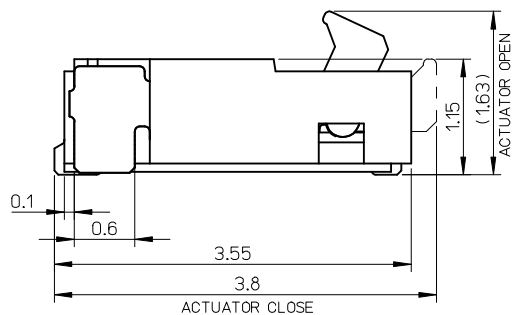




断面図



注記 NOTES:

1.材質 MATERIAL

ハウジング: LCP(液晶ポリマー)、白色、ガラス充填、UL94V-0
HOUSING: LIQUID CRYSTAL POLYMER, WHITE (NATURAL)
GLASS FILLED, UL94V-0

アクチュエータ: ポリアミド樹脂

黒色、ガラス充填、UL94HB

ACTUATOR: POLYAMIDE
BLACK GLASS FILLED, UL94HB

ターミナル: 焼青銅 (t=0.12)

TERMINAL: PHOSPHOR BRONZE (t=0.12)

金具: 焼青銅 (t=0.15)

NAIL: PHOSPHOR BRONZE (t=0.15)

2.めっき仕様 PLATING

ターミナル TERMINAL

接点部: 金めっき 0.1μm以上

CONTACT AREA: GOLD 0.1 MICROMETER MINIMUM

半田付け部: 金めっき

SOLDER TAIL AREA: GOLD

下地めっき: ニッケル 1.0μm以上

UNDER PLATING: NICKEL 1.0 MICROMETER MINIMUM

金具 NAIL

錫めっき 1.0μm以上

TIN PLATING 1.0 MICROMETER MINIMUM

下地めっき: ニッケル 1.0μm以上

UNDER PLATING: NICKEL 1.0 MICROMETER MINIMUM

3.平坦度は、0.1ミリ以下とする。

TAILS COPLANARITY TO BE 0.1 MAXIMUM.

4.ELV及びRoHS適合品

ELV AND RoHS COMPLIANT

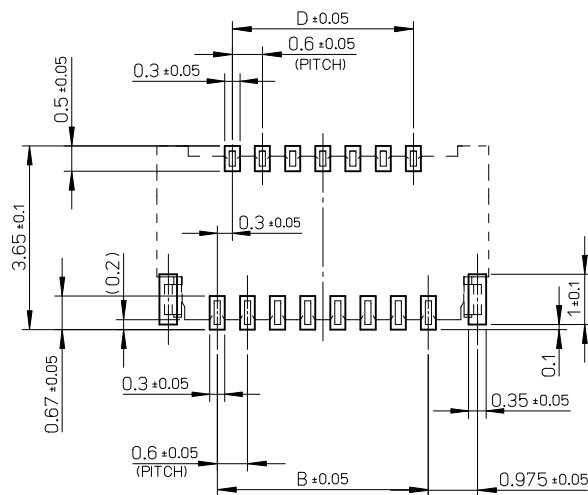
5.本製品は502598-**-91の端子材料変更品である。

THIS PRODUCT IS CHANGE OF TERMINAL MATERIAL
FOR 502598-**-91.

0.125	14.4	16.95	15	17.4	502598-5193	51
0.112	12.6	15.15	13.2	15.6	502598-4593	45
0.105	11.4	13.95	12.0	14.4	502598-4193	41
0.098	10.8	13.35	11.4	13.8	502598-3993	39
0.085	9	11.55	9.6	12	502598-3393	33
0.077	7.8	10.35	8.4	10.8	502598-2993	29
0.072	7.2	9.75	7.8	10.2	502598-2793	27
0.068	6.6	9.15	7.2	9.6	502598-2593	25
0.063	6	8.55	6.6	9	502598-2393	23
0.048	4.2	6.75	4.8	7.2	502598-1793	17
0.043	3.6	6.15	4.2	6.6	502598-1593	15
重さ (g) WEIGHT (g)	D	C	B	A	EMBOSSED PACKAGE オーダー番号 ORDER NO.	極数 CIRCUITS

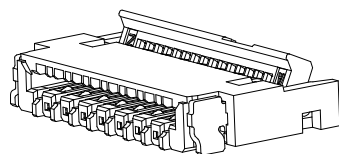
CONNECTOR SERIES NO. 502598-**-21

REVISED EC NO: J2014-0146 DRAWN: KAGUMO 2013/07/25 CHKD: TAKAHASHI 2013/08/30 APPR: YNOGAWA 2013/08/28	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	KMIYAHARA	2012/07/18	TITLE 0.3 FPC CONN. BACK FLIP HOUSING ASSY				
		10 OVER 30 UNDER	± 0.25	KTAKAHASHI	2012/07/18					
		30 OVER	± 0.3	KMORIKAWA	2012/08/01	molex				
		ANGULAR ±1 °		MATERIAL NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502598-003			1 OF 2		
B	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

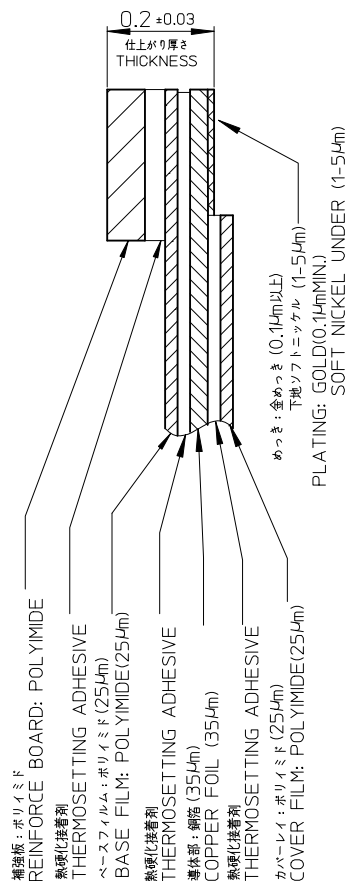


RECOMMENDED P.W.B. PATTERN LAYOUT

マスク厚: 100 μ m
マスク開口率: 100%
SCREEN THICKNESS: 100 μ m
SCREEN OPEN RATIO: 100%

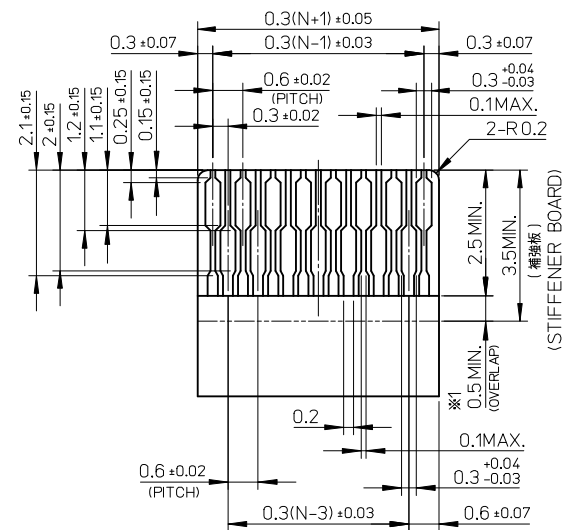


ISO VIEW (参考)



FPC構成推奨仕様

STRUCTURE OF FPC



適合する金めっきFPC推奨寸法
APPLICABLE FPC OF GOLD PATING
RECOMMENDED DIMENSION

(仕上がり厚さ : 0.2 ± 0.03)
(THICKNESS: 0.2 ± 0.03)

FPCについて:

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。

尚、接着剤の接点部への付着は導通不良の原因になりますので、

染み出しが無い様、お願い致します。

ABOUT FPC:

RECOMMENDED PUNCHER DIRECTION:

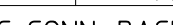
FROM CONDUCTOR SIDE TO STIFFNER FILM SIDE.

RECOMMENDED MATERIAL:

STIFFENER FILM : POLYIMIDE

BONDING AGENT : THERMOSETTING AGENT

PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND BECAUSE THERE IS A POSSIBILITY THAT THE EXTRA ADHESIVE CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.

REVISED EC NO: J2014-0146 DRAWN: KAGUMO CHK'D: K TAKAHASHI APP'R: YNOGAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY KMIYAHARA	DATE 2012/07/18	TITLE 0.3 FPC CONN. BACK FLIP HOUSING ASSY			
		10 OVER 30 UNDER	± 0.25	CHECKED BY KTAKAHASHI	DATE 2012/07/18				
		30 OVER	± 0.3	APPROVED BY KMORIKAWA	DATE 2012/08/01				
		ANGULAR ±1 °		MATERIAL NO.					
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE		SD-502598-003		2 OF 2		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

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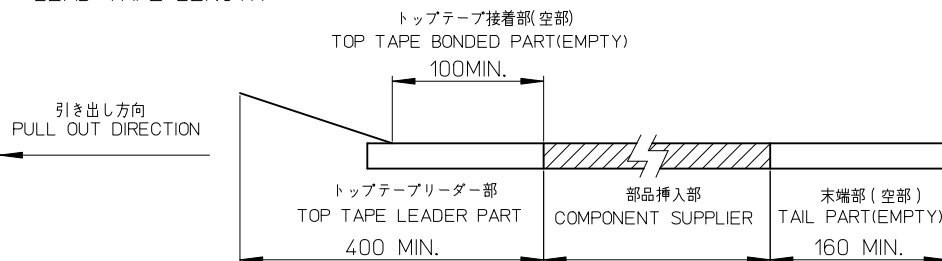
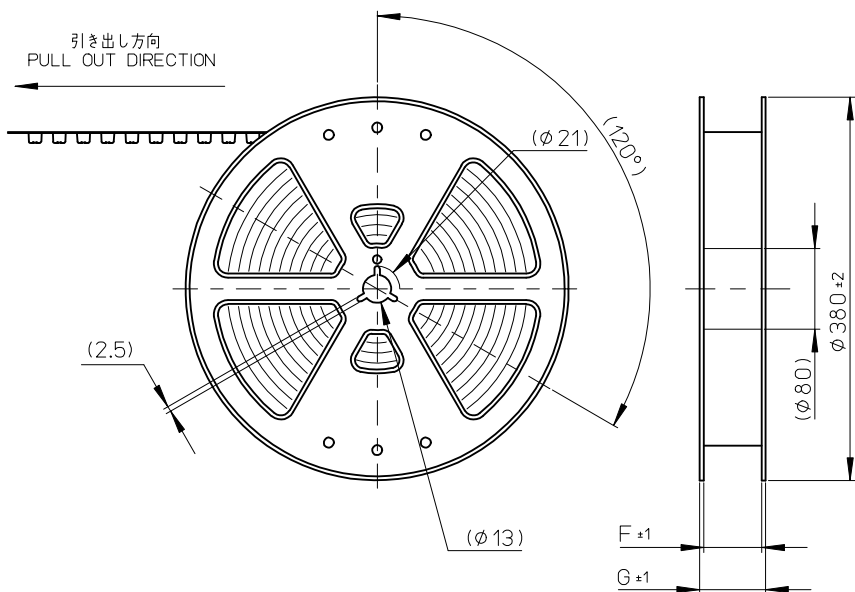
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注記)

NOTES

- 1.製品番号502598-**-21の詳細寸法は、製品単体図面を参照下さい。
IN THE PACKAGE PART NUMBER 502598-**-21 DETAIL DIMENSIONS,
SEE SALES DRAWING FOR CONNECTOR.
- 2.梱包数量:3000個/リール
NUMBER OF CONNECTORS : 3000 PCS/REEL
- 3.リードテープ長さ
LEAD TAPE LENGTH



- 4.カバーテープの剥離強度については、IEC60286-3に準拠
COVER TAPE PEEL FORCE IS DEFINED BY IEC 60286-3.

5.材料

MATERIAL

キャリアテープ:ポリスチレン (PS)
CARRIER TAPE:POLYSTYRENE(PS)
トップテープ:ポリエチレンテレフタレート (PET)、他
TOP TAPE :POLYETHYLENE TELEPHTHALATE(PET), OTHERS
リール:ポリスチレン(PS)
REEL:POLYSTYLENE(PS)

6.ELV及びRoHS適合品

ELV AND RoHS COMPLIANT

7.本製品は502598-**-91の端子材料変更品である。

THIS PRODUCT IS CHANGE OF TERMINAL MATERIAL FOR 502598-**-91.

REVISED EC NO: J2014-0146 DRWN:KAGUMO 2013/07/25 CHKD:K TAKAHASHI 2013/08/30 APPR: YNOGAWA 2013/08/28	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± ---	DRAWN BY KMIYAHARA	DATE 2012/07/18	TITLE 0.3 FPC CONN. BACK FLIP TAPING PACKAGE (502598-**21 SERIES)			
		10 OVER 30 UNDER	± ---	CHECKED BY KTAKAHASHI	DATE 2012/07/18				
		30 OVER	± ---	APPROVED BY KMORIKAWA	DATE 2012/08/01	molex			
		ANGULAR ±1 °		MATERIAL NO.					DOCUMENT NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502598-004				1 OF 2
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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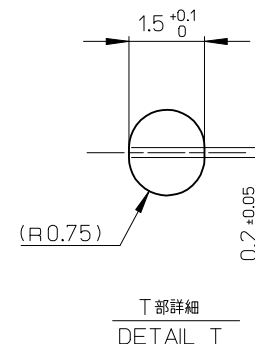
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DETAIL T

37.4	33.4	32±0.3	28.4	15.7	14.2	17.6	502598-5193	51
29.4	25.4	24±0.3	27.4	13.9	11.5	15.8	502598-4593	45
				12.7		14.6	502598-4193	41
				12.1		14	502598-3993	39
				10.3		12.2	502598-3393	33
				9.1		11	502598-2993	29
				8.5		10.4	502598-2793	27
				7.9		9.8	502598-2593	25
				7.3		9.2	502598-2393	23
21.4	17.4	16±0.3	25.4	5.5	7.5	7.4	502598-1793	17
				4.9		6.8	502598-1593	15
G	F	E キャリアテープ幅 EMBOSSED TAPE WIDTH	D	C	B	A	製品番号 MATERIAL NO.	極数 CIRCUITS

REVISED	EC NO: J2014-0146	2013/07/25	2013/08/30	2013/08/28	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
						10 UNDER	± ---	DRAWN BY KMIYAHARA	DATE 2012/07/18	TITLE 0.3 FPC CONN. BACK FLIP TAPING PACKAGE (502598-**21 SERIES)			
						10 OVER 30 UNDER	± ---	CHECKED BY KTAKAHASHI	DATE 2012/07/18				
						30 OVER	± ---	APPROVED BY KMORIKAWA	DATE 2012/08/01				
						ANGULAR ±1 °	MATERIAL NO.	DOCUMENT NO.		SHEET NO.			
B	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	SEE TABLE SD-502598-004 2 OF 2								
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													