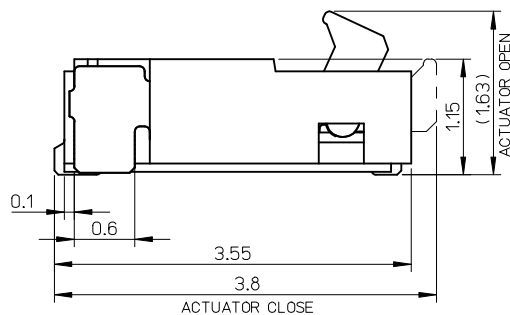
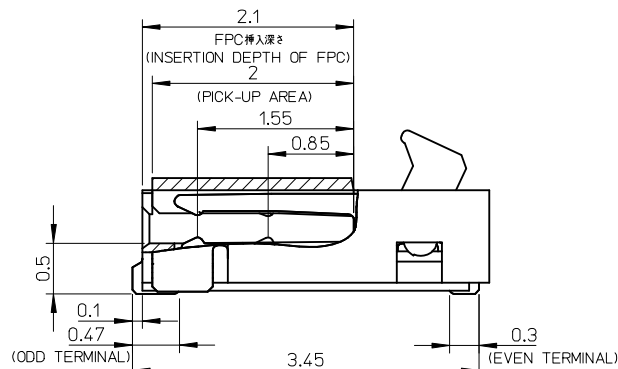
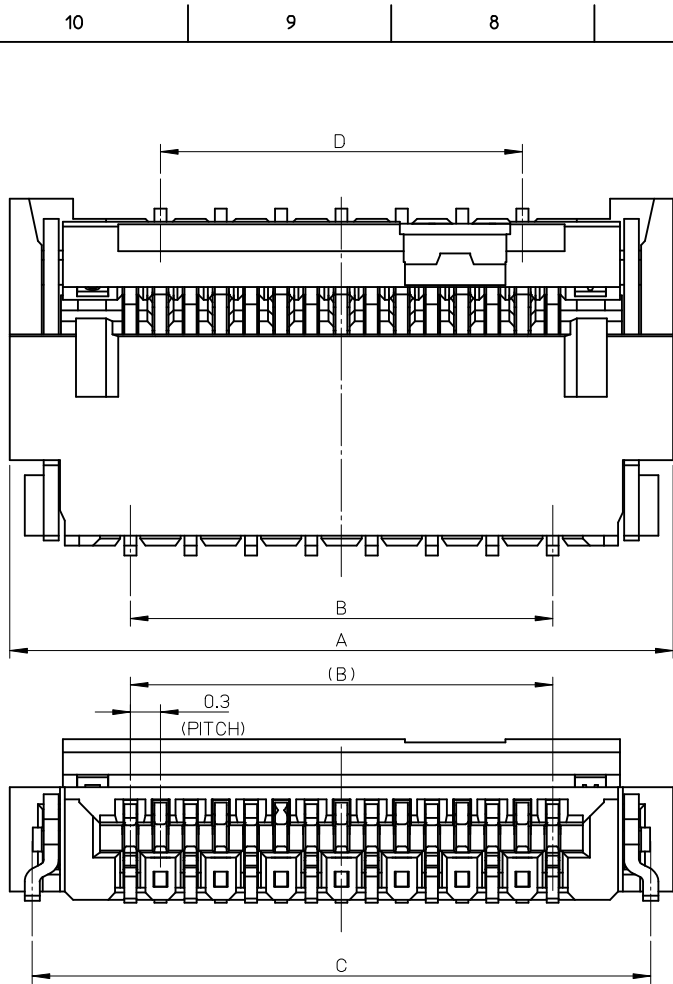




注記 NOTES:

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
黑色、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.

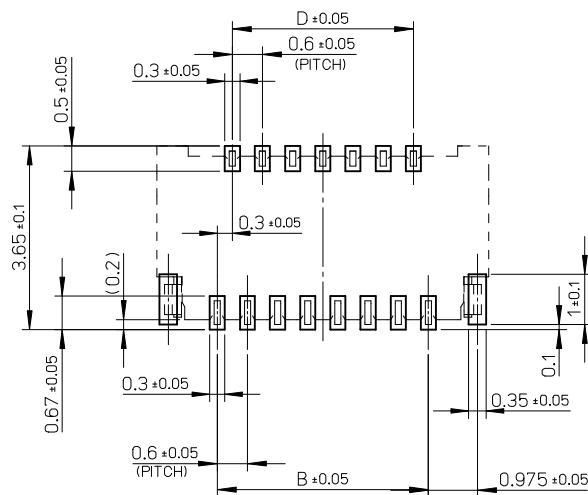
4.ELV及びRoHS適合品
ELV AND RoHS COMPLIANT

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

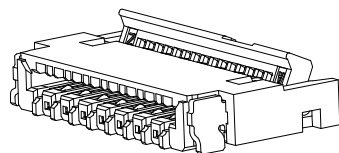
CONNECTOR SERIES NO. 502598-**-21

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 molex				
		10 OVER 30 UNDER	± 0.25	KTAKAHASHI	2012/07/18					
		30 OVER	± 0.3	KMORIKAWA	2012/08/01					
		ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502598-003		1 OF 2			
REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

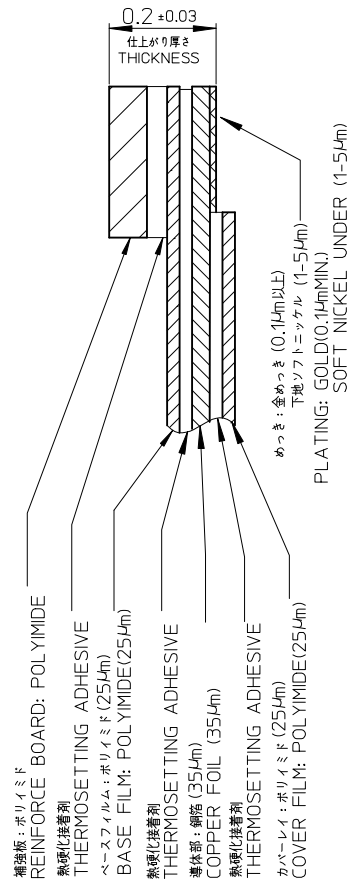


RECOMMENDED P.W.B. PATTERN LAYOUT

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

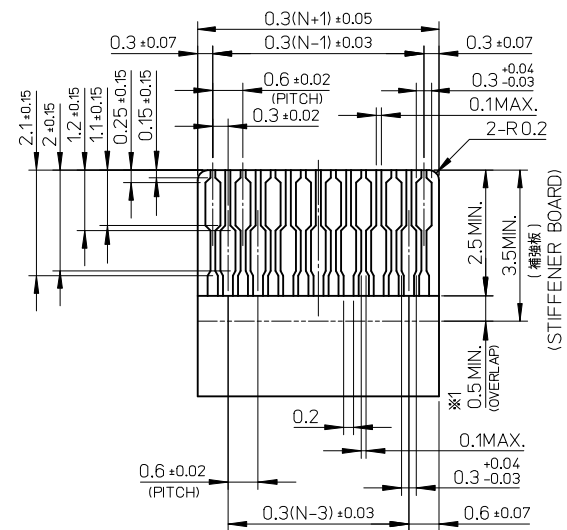


ISO VIEW (参考)



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:

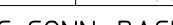
FROM CONDUCTOR SIDE TO STIFFNER FILM SIDE.

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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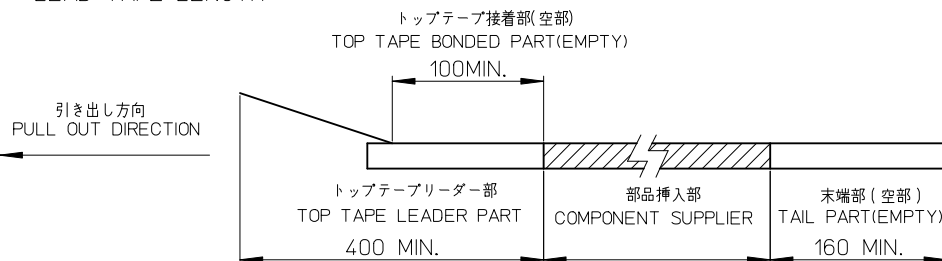
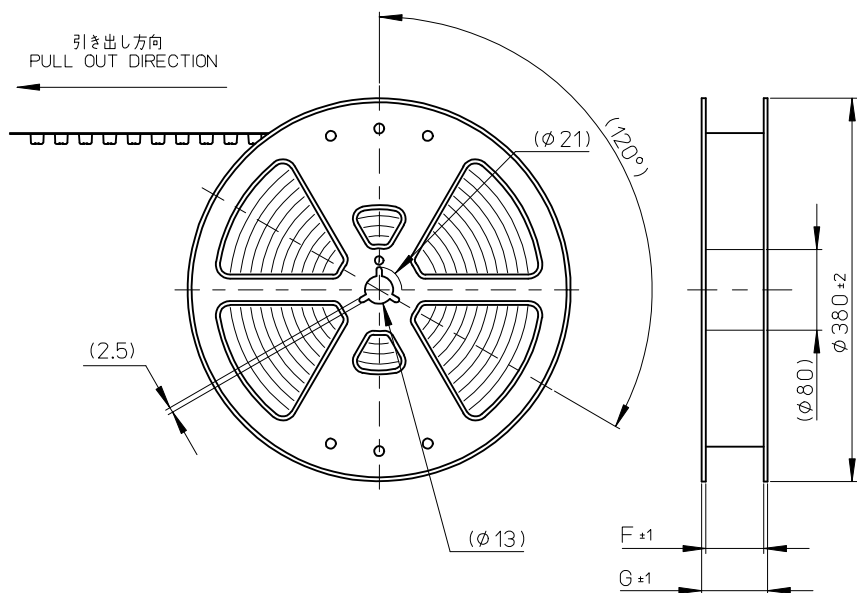
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注記)
NOTES

- 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.
- 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



- 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.
- 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:POLYSTYRENE(PS)
- ELV及びRoHS適合品
ELV AND RoHS COMPLIANT
- 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:KNAGIMO 2013/07/25 CHKD:KTAKAHASHI 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	DOCUMENT NO. molex SD-502598-004				
		ANGULAR ±1 °		MATERIAL NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SHEET NO. 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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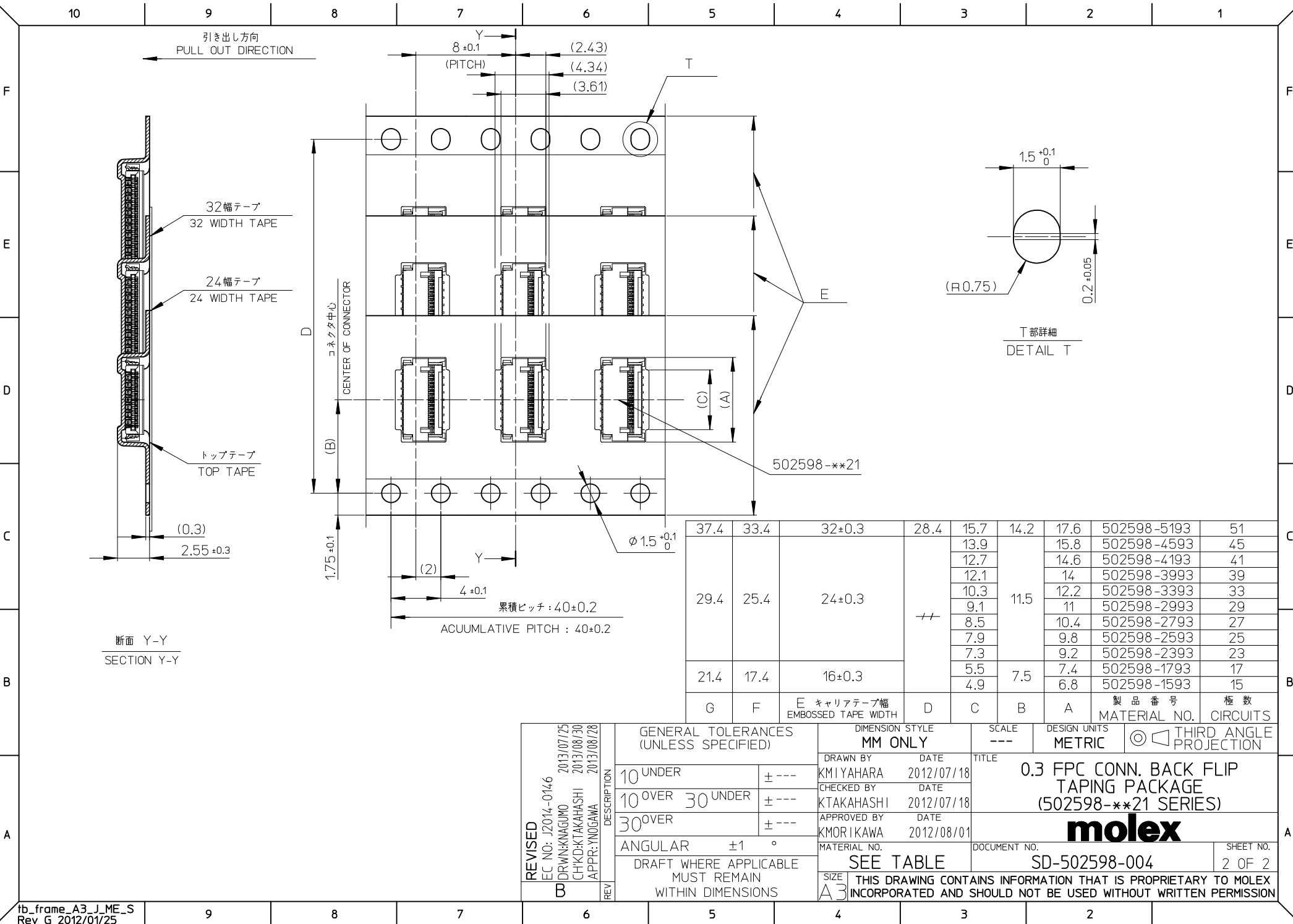
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REVISED EC NO: J2014-0146 2013/07/25 DRWN:KAGUMI 2013/08/30 CHKD:KTAKAHASHI 2013/08/28 APPR:YNOGAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				MM ONLY		---	METRIC			
		10 UNDER	± ---	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.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502598-004			2 OF 2		
REV	B	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						