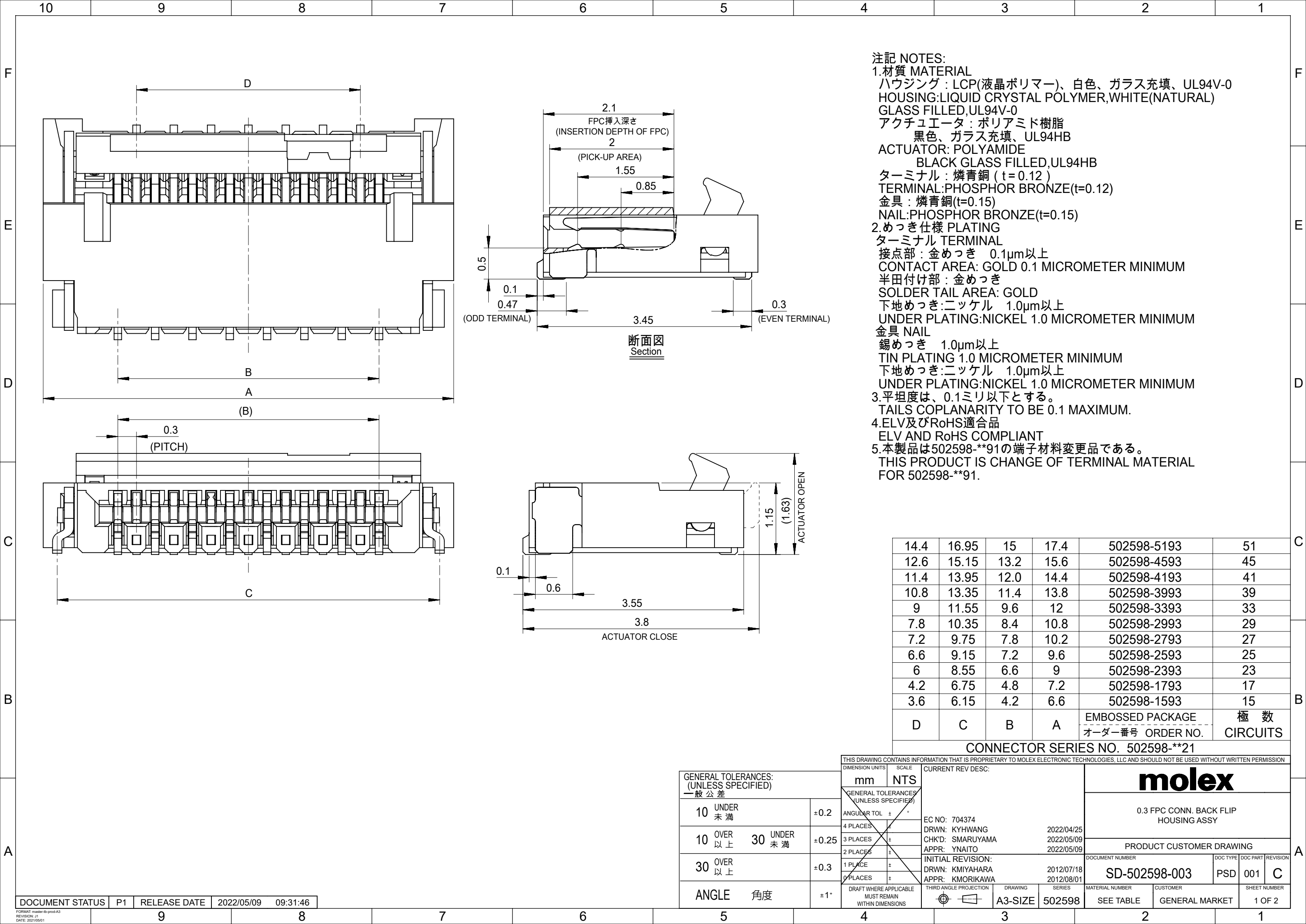
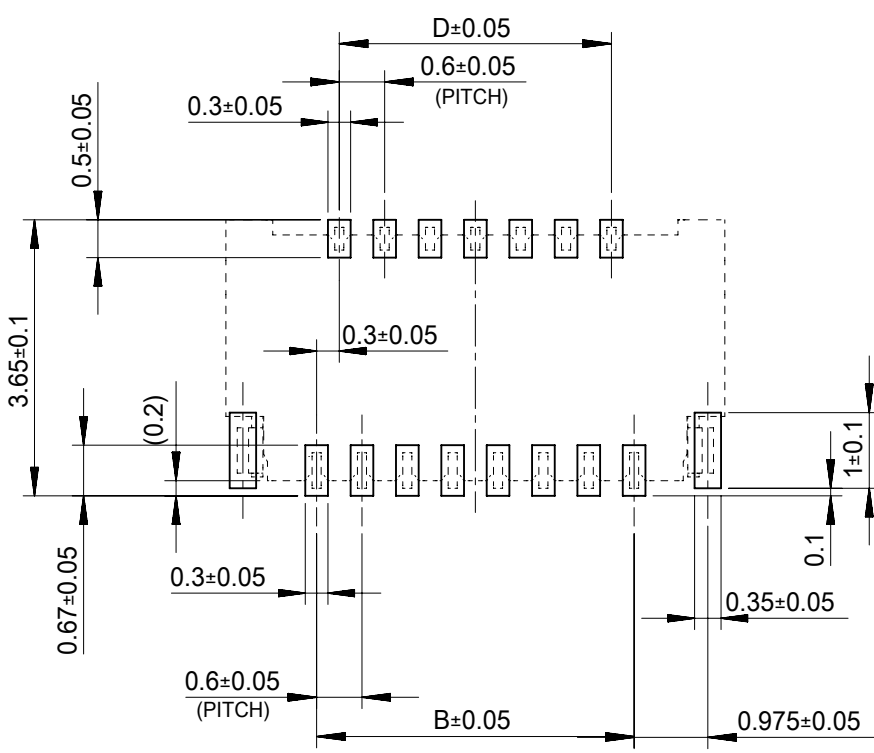




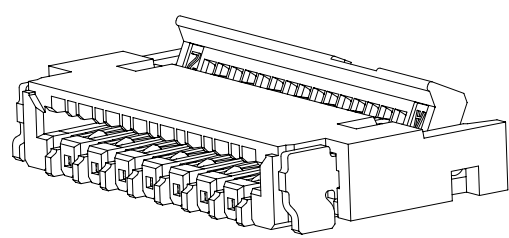
注記 NOTES:
1.材質 MATERIAL
ハウジング：LCP(液晶ポリマー)、白色、ガラス充填、UL94V-0
HOUSING:LIQUID CRYSTAL POLYMER,WHITE(NATURAL)
GLASS FILLED,UL94V-0
アクチュエータ：ポリアミド樹脂
黒色、ガラス充填、UL94HB
ACTUATOR: POLYAMIDE
BLACK GLASS FILLED,UL94HB
ターミナル：燐青銅 (t=0.12)
TERMINAL:PHOSPHOR BRONZE(t=0.12)
金具：燐青銅(t=0.15)
NAIL:PHOSPHOR BRONZE(t=0.15)
2.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.

14.4	16.95	15	17.4	502598-5193	51
12.6	15.15	13.2	15.6	502598-4593	45
11.4	13.95	12.0	14.4	502598-4193	41
10.8	13.35	11.4	13.8	502598-3993	39
9	11.55	9.6	12	502598-3393	33
7.8	10.35	8.4	10.8	502598-2993	29
7.2	9.75	7.8	10.2	502598-2793	27
6.6	9.15	7.2	9.6	502598-2593	25
6	8.55	6.6	9	502598-2393	23
4.2	6.75	4.8	7.2	502598-1793	17
3.6	6.15	4.2	6.6	502598-1593	15
D	C	B	A	EMBOSSED PACKAGE オーダー番号 ORDER NO.	極 数 CIRCUITS

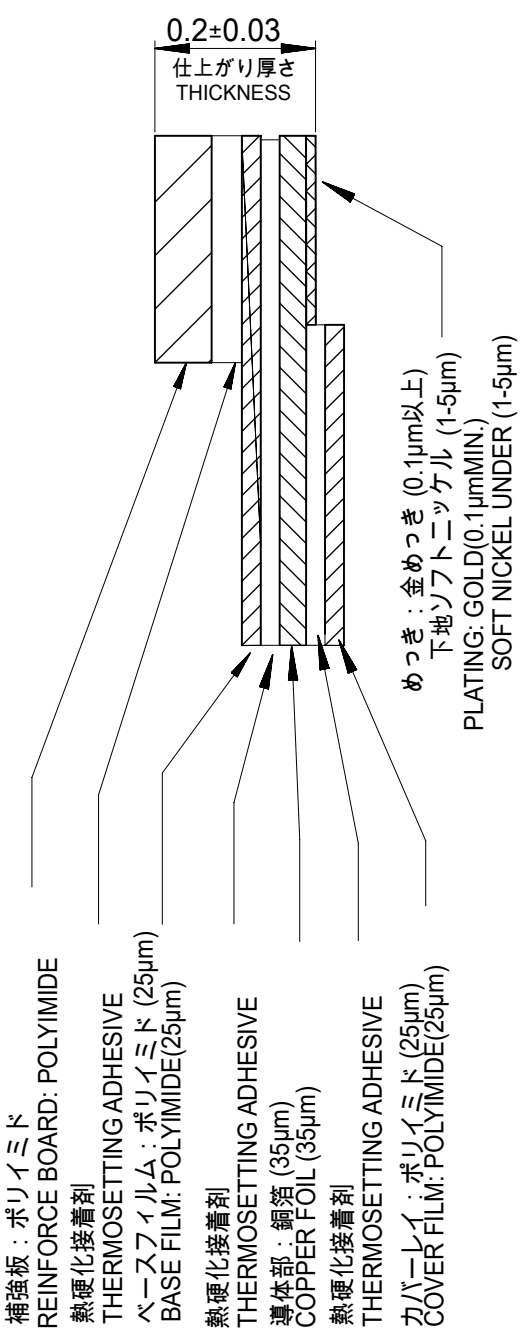
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		DIMENSION UNITS mm	SCALE NTS	CURRENT REV DESC:	
10 UNDER 未 満	±0.2	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		EC NO: 704374 DRWN: KYHWANG CHK'D: SMARUYAMA APPR: YNAITO	
10 OVER 以 上	±0.25			2022/04/25 2022/05/09 2022/05/09	
30 OVER 以 上	±0.3			INITIAL REVISION: DRWN: KMIYAHARA APPR: KMORIKAWA	
ANGLE 角度	±1°			2012/07/18 2012/08/01	
DOCUMENT STATUS		P1	RELEASE DATE	2022/05/09	09:31:46
0.3 FPC CONN. BACK FLIP HOUSING ASSY		PRODUCT CUSTOMER DRAWING			
SD-502598-003		DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SEE TABLE		PSD	001	C	
GENERAL MARKET		SHEET NUMBER		1 OF 2	



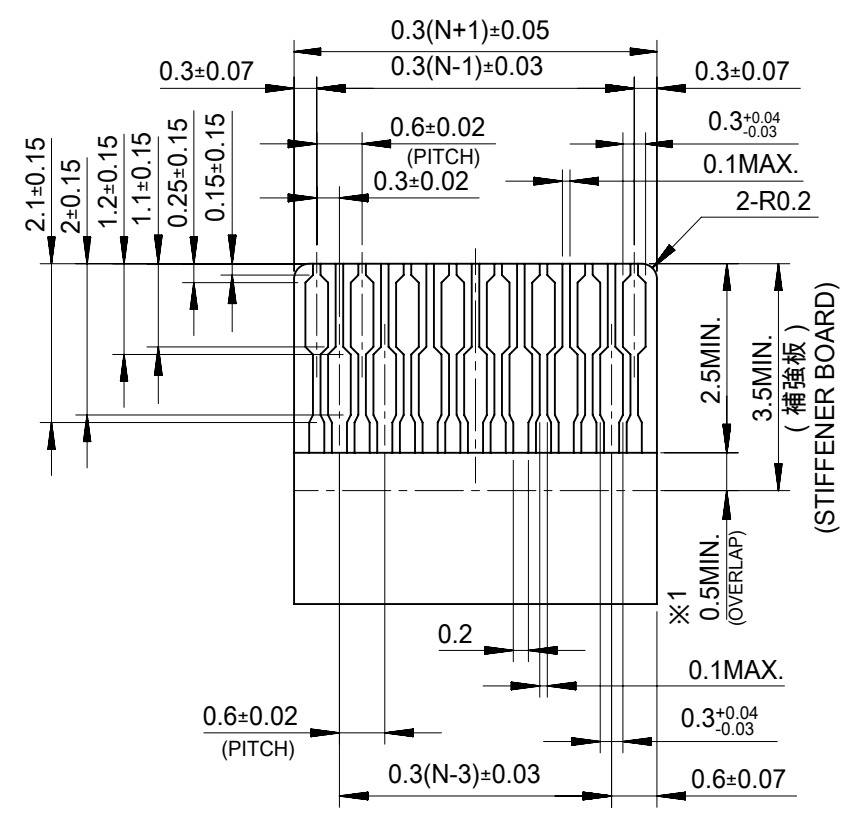
推奨基板寸法
RECOMMENDED P.W.B. PATTERN LAYOUT
マスク厚 : 100μm
マスク開口率 : 100%
SCREEN THICKNESS : 100μm
SCREEN OPEN RATIO : 100%



ISO VIEW (参考)



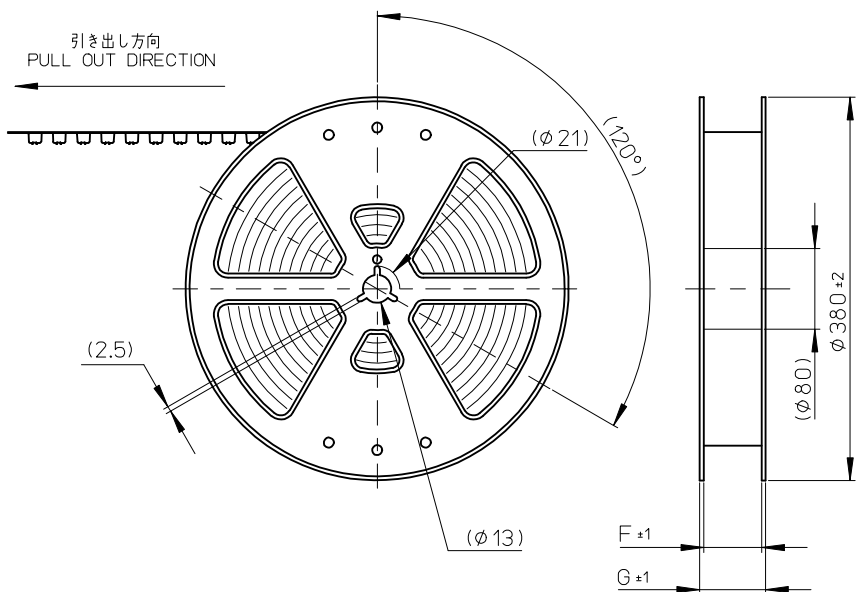
FPC構成推奨仕様
STRUCTURE OF FPC



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)

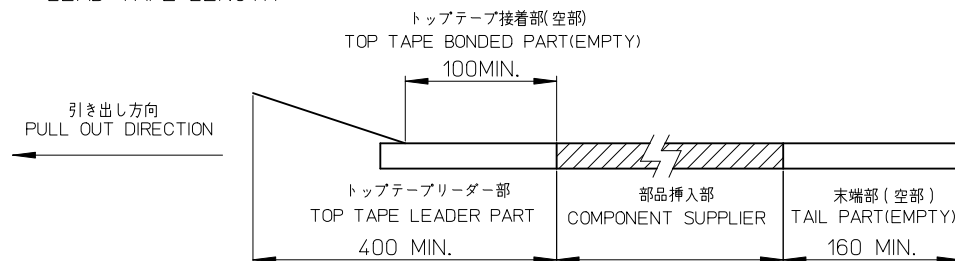
FPCについて :
抜き方向は、導体側から補強板側を推奨致します。
補強フィルム材質は、ポリイミドを推奨致します。
接着剤は熱硬化接着剤を推奨致します。
尚、接着剤の接点部への付着は導通不良の原因になりますので、
染み出しが無い様、お願い致します。

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.



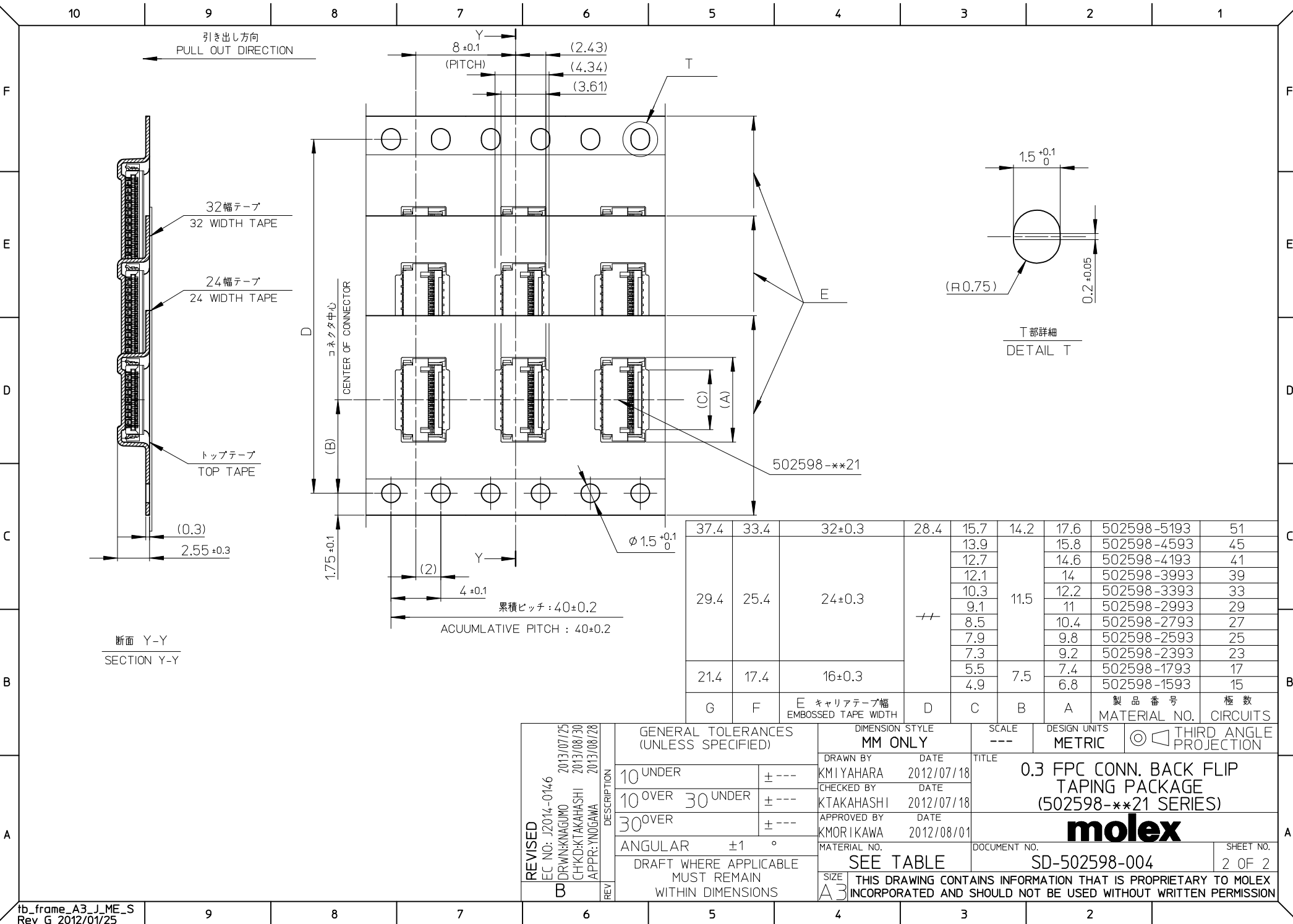
注記)
NOTES

- 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:KNAGUMO 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. SD-502598-004				
		ANGULAR ±1 °	MATERIAL NO. SEE TABLE							
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE A3					
B	REV	SHEET NO. 1 OF 2								



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	±±	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
21.4	17.4	16±0.3	±±	7.3	7.5	9.2	502598-2393	23
				5.5		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.

REVISED EC NO: J2014-0146 DRWN:KAGUMI CHKD:K.TAKAHASHI APPR:INOUE 2013/07/25 2013/08/30 2013/08/28	DESCRIPTION REV	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.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502598-004				2 OF 2
		B		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				