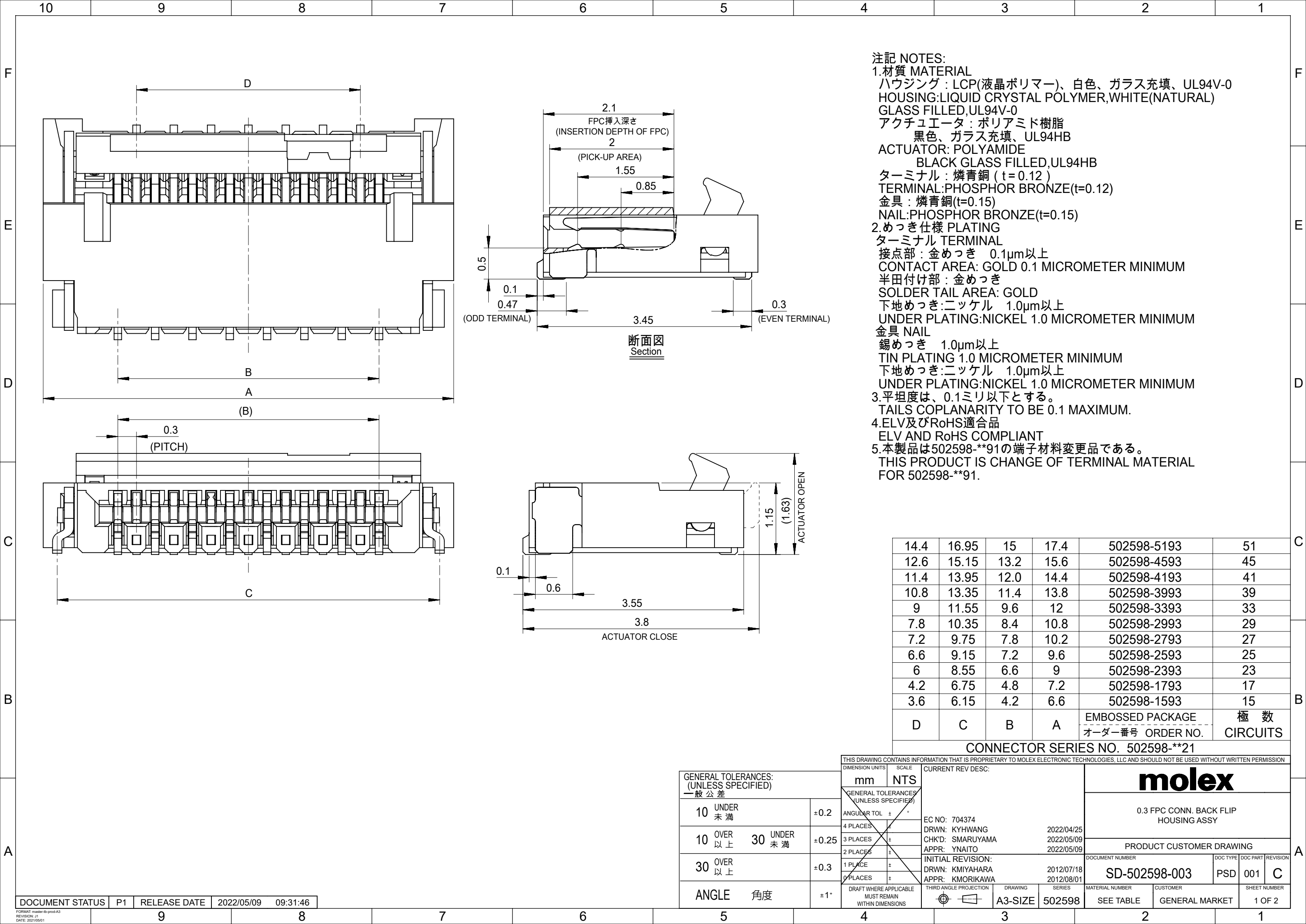




注記 NOTES:
1.材質 MATERIAL
ハウジング：LCP(液晶ポリマー)、白色、ガラス充填、UL94V-0
HOUSING:LIQUID CRYSTAL POLYMER,WHITE(NATURAL)
GLASS FILLED,UL94V-0
アクチュエータ：ポリアミド樹脂
黒色、ガラス充填、UL94HB
ACTUATOR: POLYAMIDE
BLACK GLASS FILLED,UL94HB
ターミナル：燐青銅 (t=0.12)
TERMINAL:PHOSPHOR BRONZE(t=0.12)
金具：燐青銅(t=0.15)
NAIL:PHOSPHOR BRONZE(t=0.15)
2.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

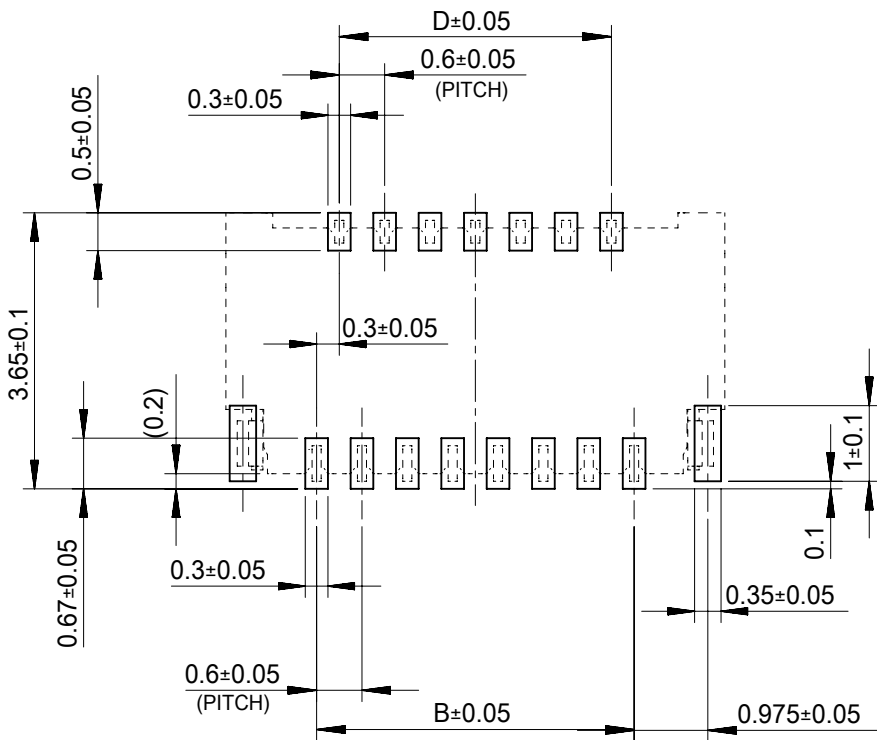
14.4	16.95	15	17.4	502598-5193	51
12.6	15.15	13.2	15.6	502598-4593	45
11.4	13.95	12.0	14.4	502598-4193	41
10.8	13.35	11.4	13.8	502598-3993	39
9	11.55	9.6	12	502598-3393	33
7.8	10.35	8.4	10.8	502598-2993	29
7.2	9.75	7.8	10.2	502598-2793	27
6.6	9.15	7.2	9.6	502598-2593	25
6	8.55	6.6	9	502598-2393	23
4.2	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

CONNECTOR SERIES NO. 502598-**21

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		
10 UNDER 未 満	±0.2	
10 OVER 以 上	±0.25	30 UNDER 未 満
30 OVER 以 上	±0.3	
ANGLE 角度	±1°	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 704374 DRWN: KYHWANG 2022/04/25 CHK'D: SMARUYAMA 2022/05/09 APPR: YNAITO 2022/05/09 INITIAL REVISION: DRWN: KMIYAHARA 2012/07/18 APPR: KMORIKAWA 2012/08/01 THIRD ANGLE PROJECTION 				molex 0.3 FPC CONN. BACK FLIP HOUSING ASSY										
mm		NTS										PRODUCT CUSTOMER DRAWING						
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL						DOCUMENT NUMBER								DOC TYPE	DOC PART	REVISION
4 PLACES		±						SD-502598-003								PSD	001	C
3 PLACES		±						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NUMBER	CUSTOMER		SHEET NUMBER			
2 PLACES		±		SEE TABLE	GENERAL MARKET		1 OF 2											
1 PLACE		±		A3-SIZE	502598													
0 PLACES		±																

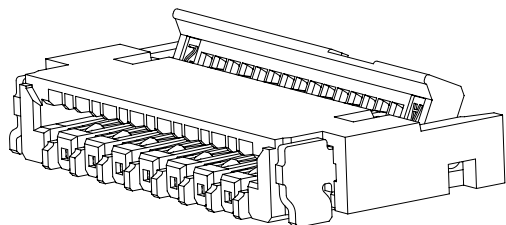
DOCUMENT STATUS	P1	RELEASE DATE	2022/05/09	09:31:46
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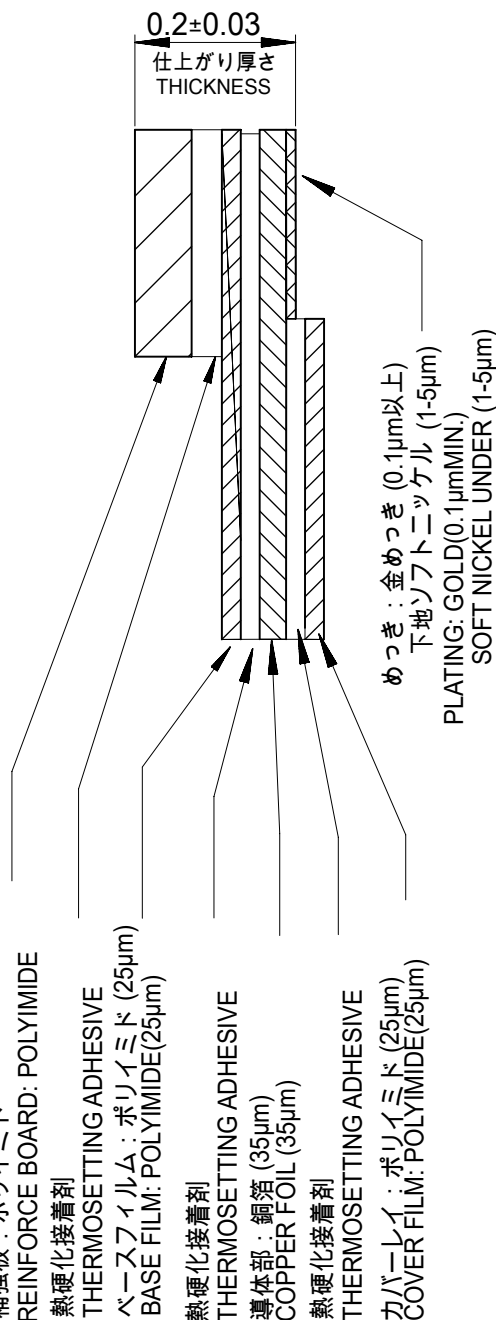
推奨基板寸法

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%

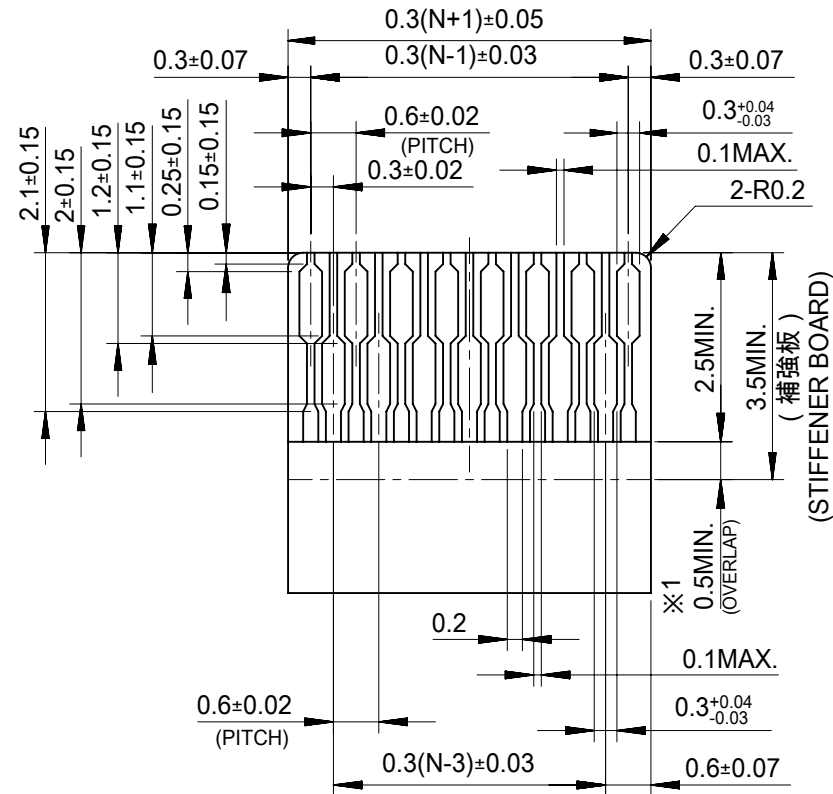


ISO VIEW (参考)



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

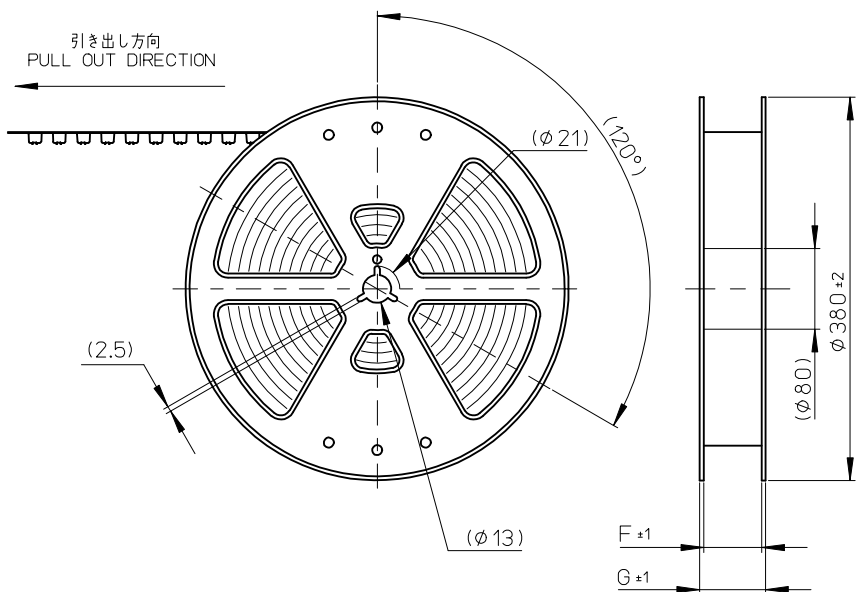
(仕上がり厚さ : 0.2±0.03)
(THICKNESS:0.2±0.03)

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.

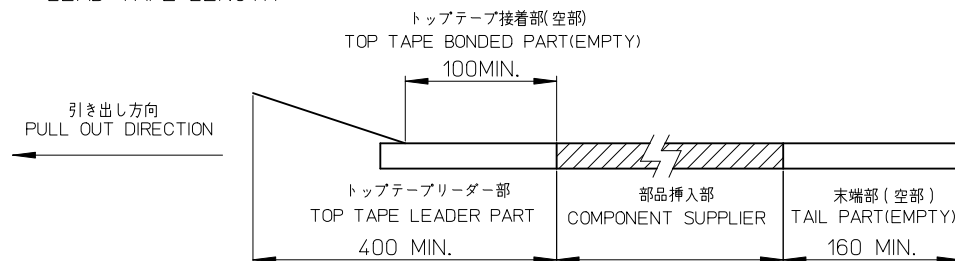
GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		10	10	30	30
		UNDER 未満	OVER 以上	UNDER 未満	OVER 以上
		±0.2	±0.25	±0.3	±1°
ANGLE 角度					

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex			
DIMENSION UNITS		SCALE		0.3 FPC CONN. BACK FLIP HOUSING ASSY			
mm		NTS		PRODUCT CUSTOMER DRAWING			
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL		DOCUMENT NUMBER			
4 PLACES		3 PLACES		SD-502598-003			
3 PLACES		2 PLACES		DOC TYPE			
2 PLACES		1 PLACE		PSD			
1 PLACE		0 PLACES		001			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		REVISION			
				C			
				SHEET NUMBER			
				2 OF 2			

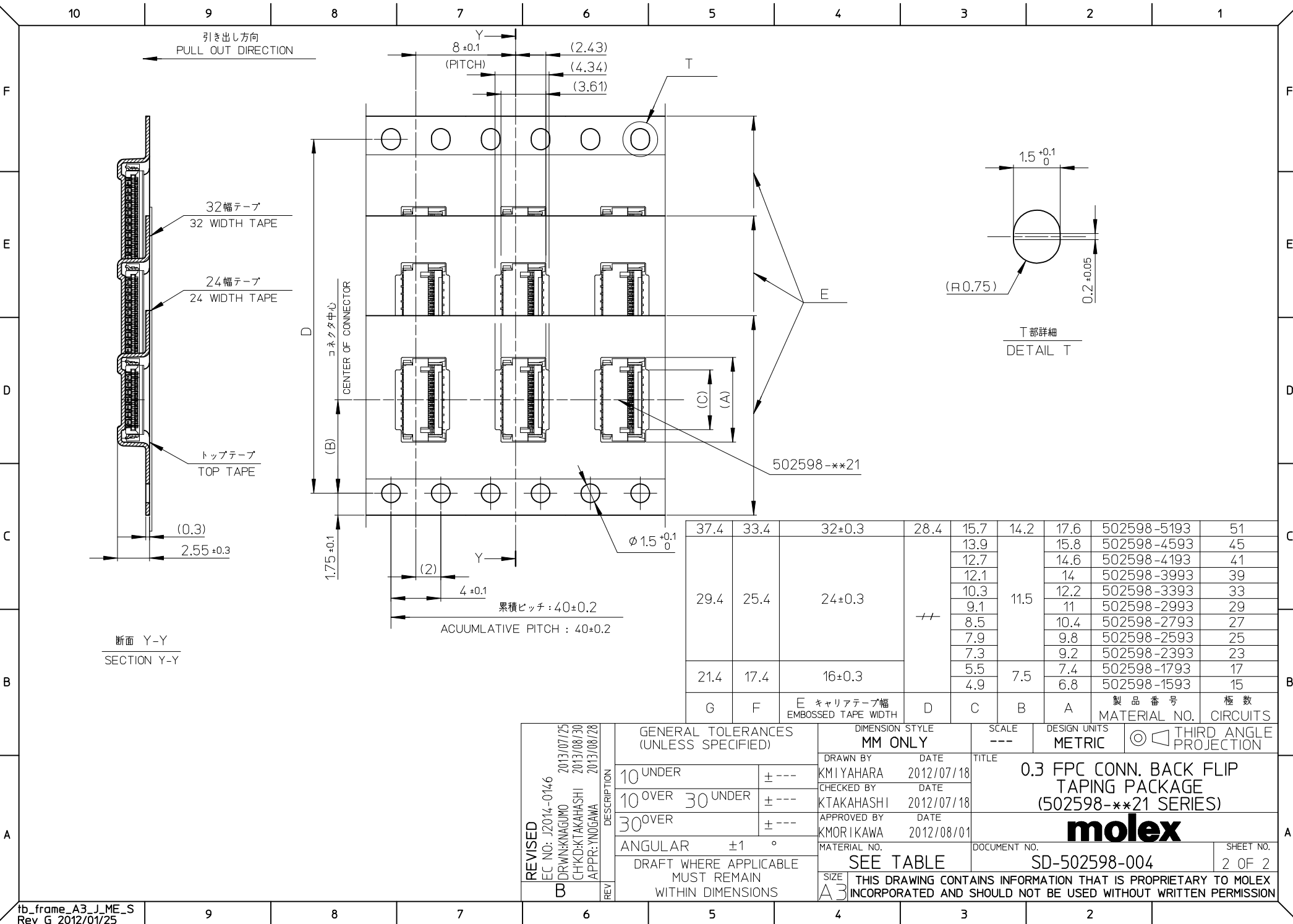


注記)
NOTES

- 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
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: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	± ---	KMIYAHARA	2012/07/18	TITLE 0.3 FPC CONN. BACK FLIP TAPING PACKAGE (502598-**21 SERIES)							
		10 OVER 30 UNDER	± ---	KTAKAHASHI	2012/07/18								
		30 OVER	± ---	KMORIKAWA	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			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



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.	極 数 CIRCUITS

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