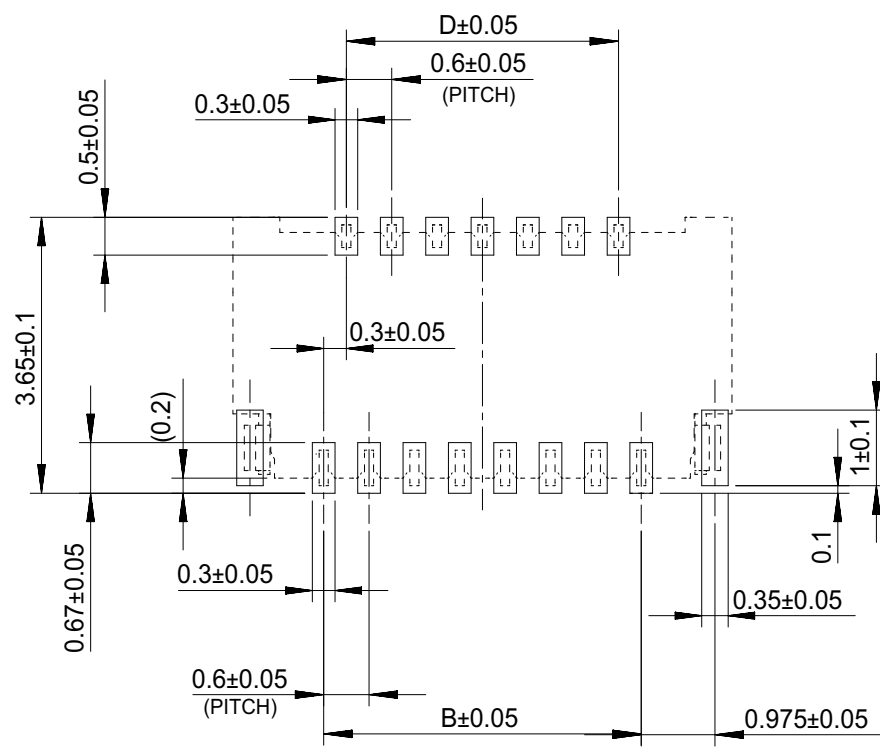


NOTES:

- MATERIAL: LCP, UL94V-0  
HOUSING: LIQUID CRYSTAL POLYMER, WHITE (NATURAL GLASS FILLED, UL94HB)  
ACTUATOR: POLYAMIDE  
BLACK GLASS FILLED, UL94HB  
TERMINAL: PHOSPHOR BRONZE (t=0.12)  
NAIL: PHOSPHOR BRONZE (t=0.15)
- PLATING  
TERMINAL  
CONTACT AREA: GOLD 0.1 MICROMETER MINIMUM SOLDER TAIL AREA: GOLD  
UNDER PLATING: NICKEL 1.0 MICROMETER MINIMUM TIN PLATING 1.0 MICROMETER MINIMUM  
UNDER PLATING: NICKEL 1.0 MICROMETER MINIMUM  
TAILS COPLANARITY TO BE 0.1 MAXIMUM.
- ELV AND RoHS COMPLIANT
- THIS PRODUCT IS CHANGE OF TERMINAL MATERIAL

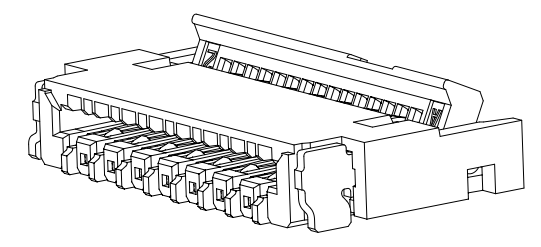
14.4	16.95	15	17.4	FPC03-502598-5193	51
12.6	15.15	13.2	15.6	FPC03-502598-4593	45
11.4	13.95	12.0	14.4	FPC03-502598-4193	41
10.8	13.35	11.4	13.8	FPC03-502598-3993	39
9	11.55	9.6	12	FPC03-502598-3393	33
7.8	10.35	8.4	10.8	FPC03-502598-2993	29
7.2	9.75	7.8	10.2	FPC03-502598-2793	27
6.6	9.15	7.2	9.6	FPC03-502598-2593	25
6	8.5	5.6	6.9	FPC03-502598-2393	23
4.2	6.75	4.8	7.2	FPC03-502598-1793	17
3.6	6.15	4.2	6.6	FPC03-502598-1593	15
D	C	B	A	EMBOSSED PACKAGE	CIRCUIT

GENERAL TOLERANCES (UNLESS SPECIFIED)		MM	20:1	<b>Sinkelee</b>		
ANGULAR TOL ±1.0°		DRWN BY	DATE			
4 PLACES	±0.03	Jack	2016/03/18	FPC03-502598-4193		
3 PLACES	±0.03	APPR BY	DATE	PRODUCT CUSTOMER DRAWING		
2 PLACES	±0.05	Joson	2016/03/31	MATERIAL NUMBER		
1 PLACE	±0.1	APPR BY	DATE	CUSTOMER		
0 PLACES	±0.2	TKUSUHARA01	2016/03/31	SEE SHEET 1		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER		
		A3		502598-003		
				DOC TYPE	DOC PART	SHEET NUMBER
				PSD	000	1 OF 2

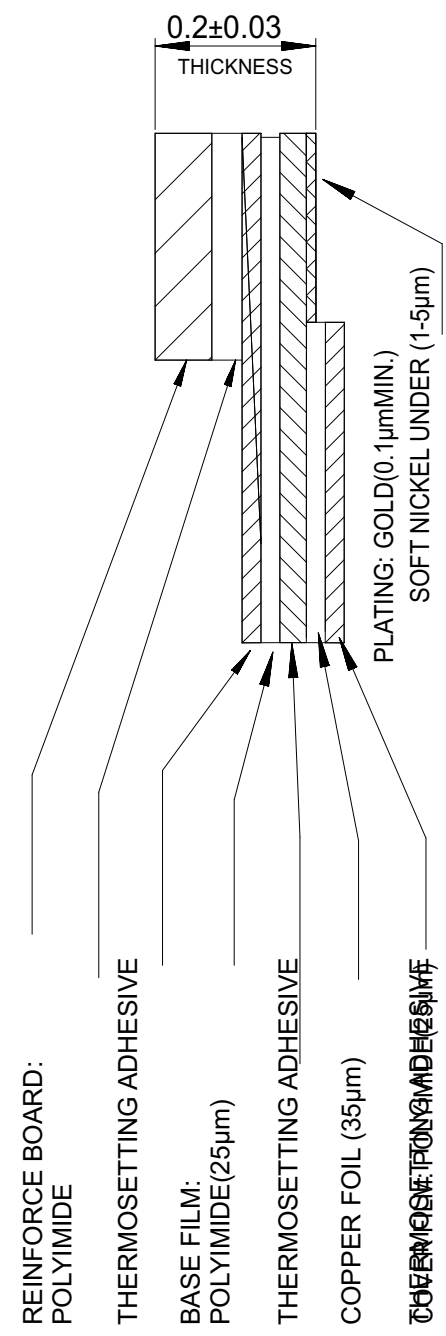


RECOMMENDED P.W.B. PATTERN

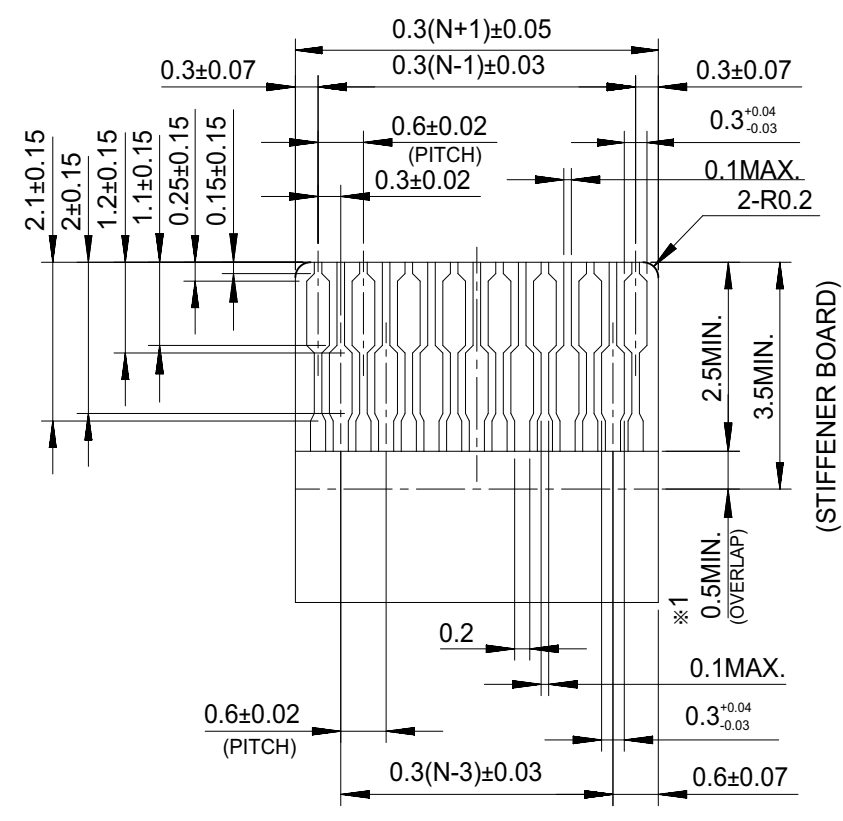
SCREEN THICKNESS: 100µm  
SCREEN OPEN RATIO: 100%



ISO VIEW



STRUCTURE OF FPC



APPLICABLE FPC OF GOLD PATING RECOMMENDED DIMENSION (THICKNESS:0.2±0.03)

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)	MM	20:1	<b>Sinkelee</b>			
	DRWN BY	DATE				PART NUMBER
	4 PLACES	±0.03	Jack	2016/03/18		
	3 PLACES	±0.03	APPR BY	DATE		
	2 PLACES	±0.05	Joson	2016/03/31		
1 PLACE	±0.1	APPR BY	DATE			
0 PLACES	±0.2	TKUSUHARA01	2016/03/31			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SIZE	THIRD ANGLE PROJECTION	PRODUCT CUSTOMER DRAWING			
	A3		MATERIAL NUMBER		CUSTOMER	
			SEE SHEET 1			
			DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
			502598-003	PSD	000	1 OF 2