

**NOTES**

**MATERIALS**

- HOUSING : G.F. LCP (BLACK)
- ACTUATOR : G.F. POLYAMIDE (BEIGE)
- ODD TERMINAL : PHOSPHOR BRONZE
- EVEN TERMINAL : PHOSPHOR BRONZE
- FITTING NAIL : PHOSPHOR BRONZE

**2. PLATING**

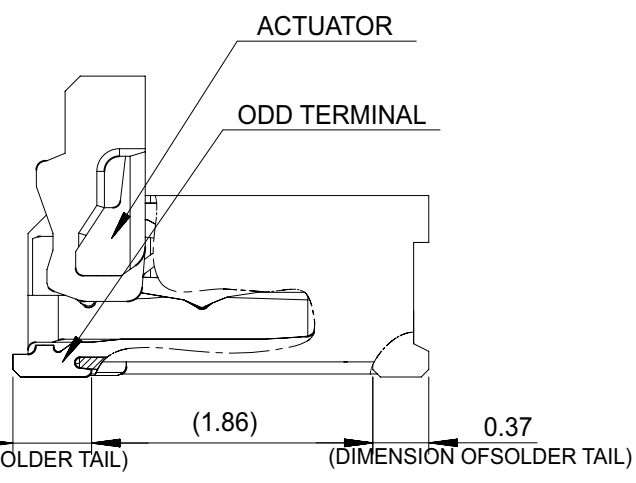
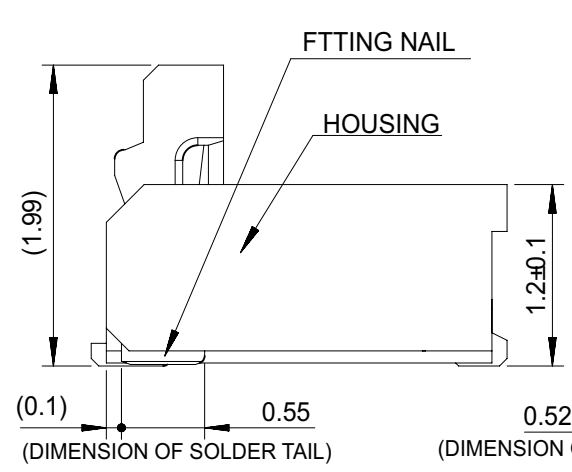
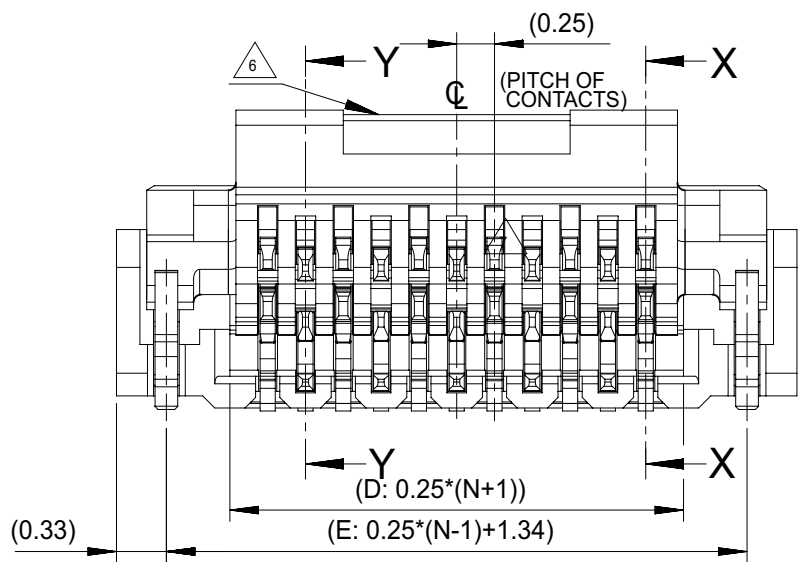
- TERMINAL
- TAIL AREA : Gold PLATING
- CONTACT AREA : Gold PLATING 0.1µm MINIMUM
- UNDER PLATING : Nickel PLATING 1.0µm MINIMUM
- ALL OVER : Tin PLATING 1.0µm MINIMUM
- UNDER PLATING : Nickel PLATING 1.0µm MINIMUM

3. COPLANALITY OF SOLDER TAILS AND FITTING NAILS : 0.1MAX.

4. GENERAL TOLERANCES: ±0.3

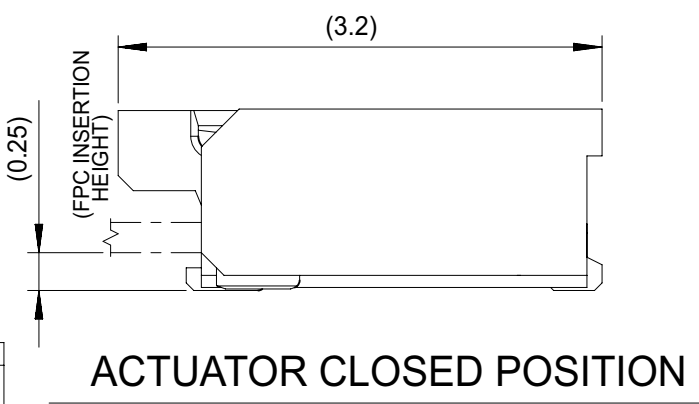
5. ELV AND RoHS COMPLIANT.

6. THIS SHAPE IS FOR GATE  
IT DEPENDS ON THE NUMBER OF CIRCUITS

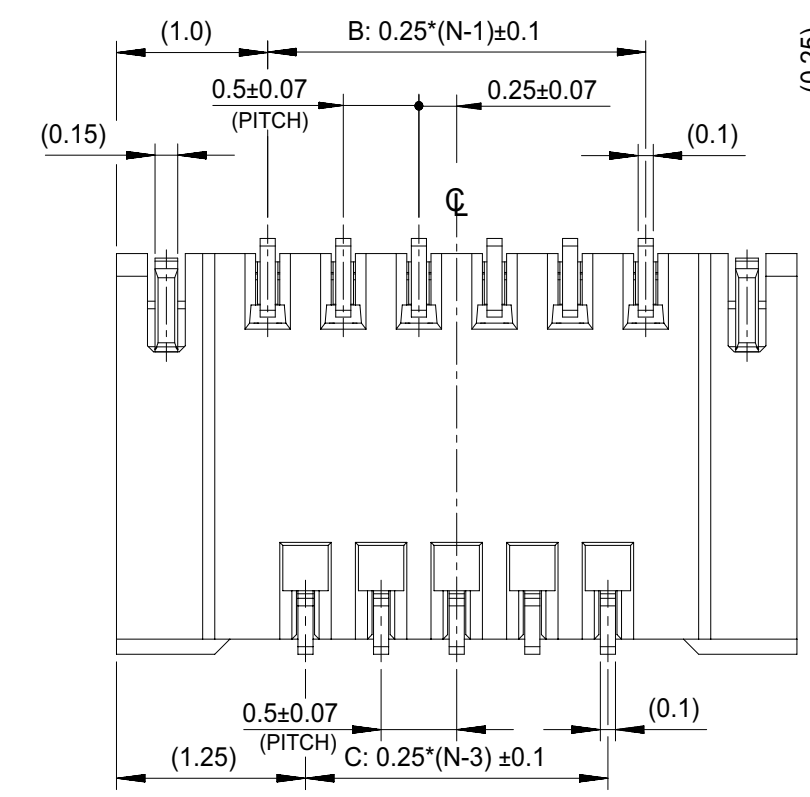


**SECTION X-X**

14.34	13.5	12.5	13	15	503300-5310	53
11.84	11	10	10.5	12.5	503300-4310	43
11.34	10.5	9.5	10	12	503300-4110	41
10.34	9.5	8.5	9	11	503300-3710	37
8.84	8	7	7.5	9.5	503300-3110	31
8.34	7.5	6.5	7	9	503300-2910	29
6.34	5.5	4.5	5	7	503300-2110	21
5.34	4.5	3.5	4	6	503300-1710	17

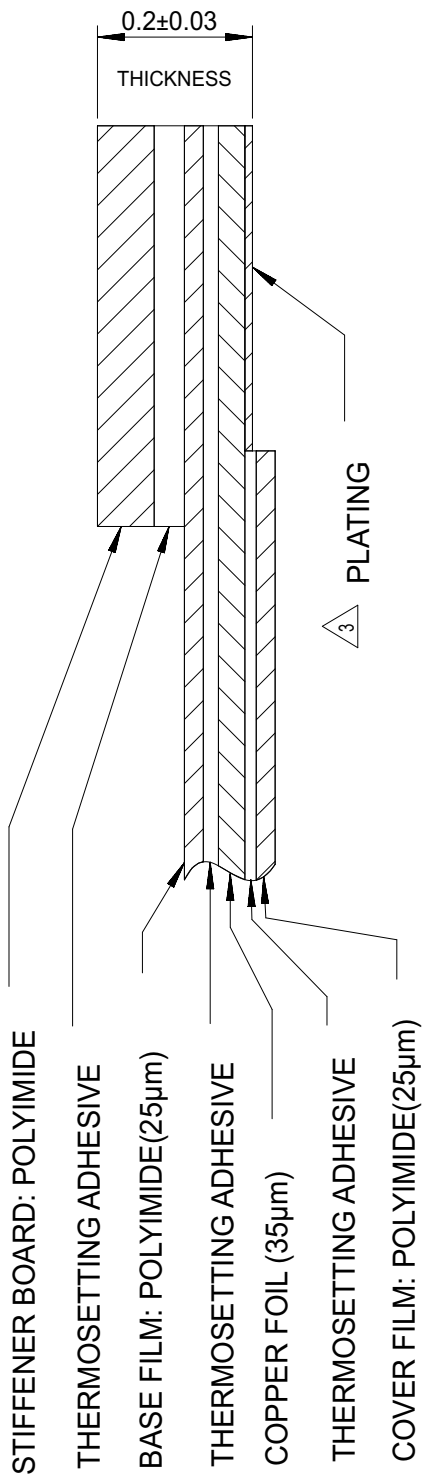


**ACTUATOR CLOSED POSITION**

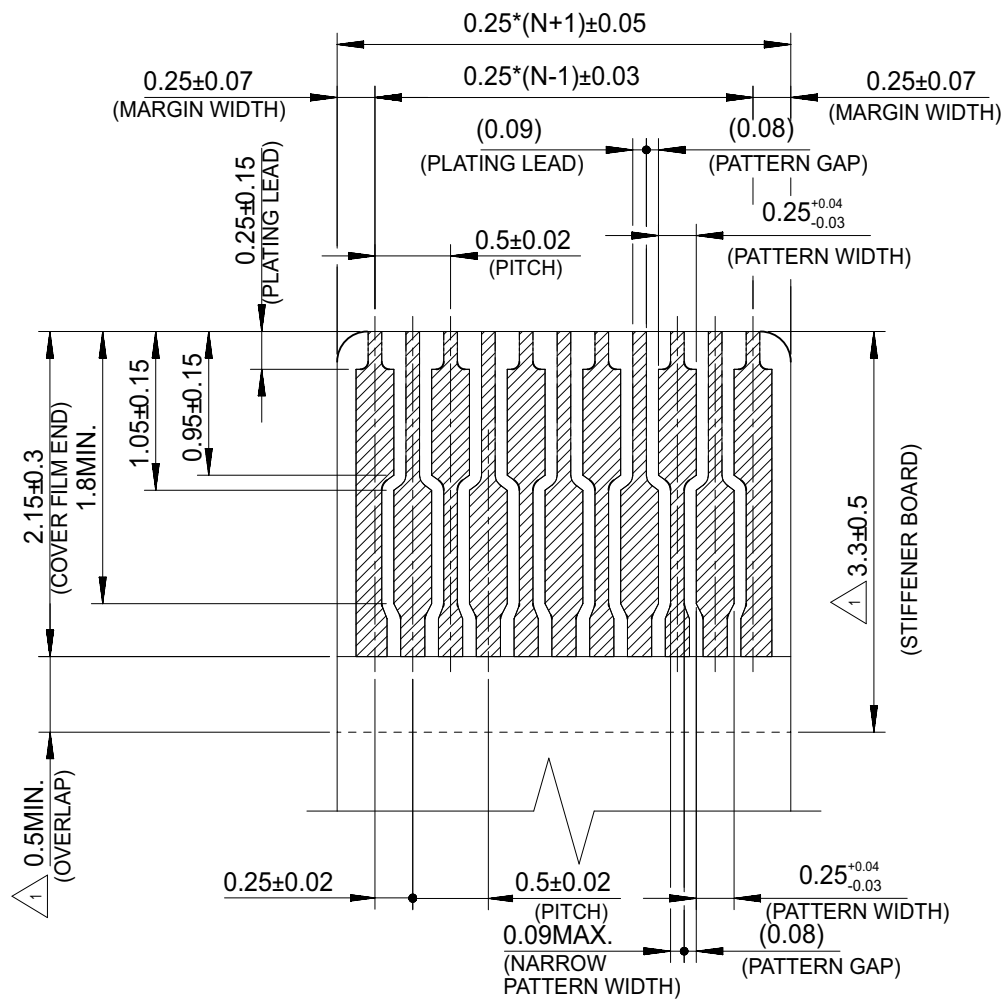


E	D	C	B	A	ORDER NO.	CIRCUITS
					EMBOSSED TAPE PACKAGE	

GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ±1.0° 4 PLACES ±0.03 3 PLACES ±0.03 2 PLACES ±0.05 1 PLACE ±0.1 0 PLACES ±0.2 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MM	20:1	<b>Sinkelee</b>		
	DRWN BY	DATE			
	Jack	2016/03/18	PRODUCT CUSTOMER DRAWING		
	APPR BY	DATE			
	Joson	2016/03/31	DOCUMENT NUMBER 503300 DOC TYPE PSD DOC PART 000 SHEET NUMBER 1 OF 2		
TKUSUHARA01	2016/03/31	DRAWING SIZE			
	A3				



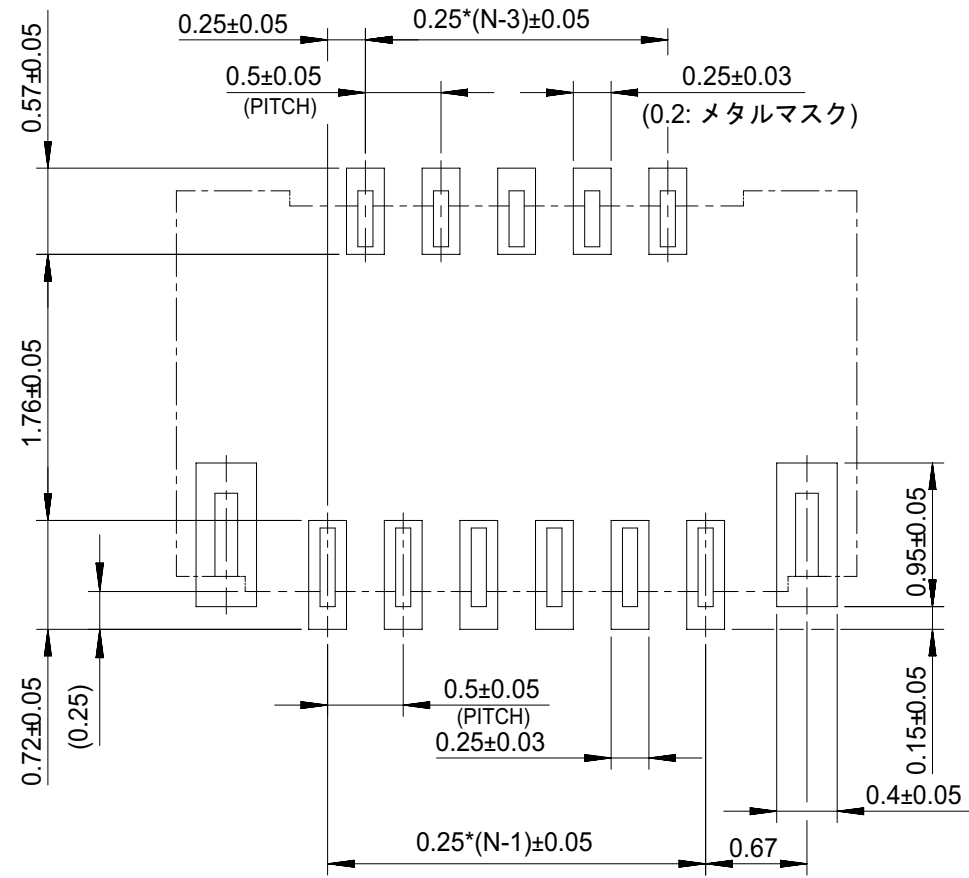
EXAMPLE OF FPC  
COMPOSITION MATERIAL



APPLICABLE FPC  
RECOMMENDED  
DIMENSIO(THICKNESS: 0.2±0.03)

NOTES

1. WHEN STIFFENER BOARD DIMENSION CAN NOT SECURE AS DRAWING, PLEASE GIVE THE OVERLAP SIZE OF COVER FILM AND STIFFENER BOARD AS 0.5mm MINIMUM
2. RECOMMEND SCREEN THICKNESS : 100µm  
RECOMMEND SCREEN OPEN RATIO : 80%
3. FPC PATTERN PLATING  
GOLD PLATING: 0.1µm MINIMUM  
NICKEL UNDER PLATING : 2~6µm
4. ABOUT FPC  
RECOMMENDED PUNCHER DIRECTION:  
FROM CONDUCTOR SIDE TO STIFFENER BORAD SIDE  
RECOMMENDED MATERIAL:  
STIFFENER BOARD: POLYIMIDE  
BONDING AGENT: THERMOSETTING AGENT  
PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON THE CONTACT AREA BECAUSE THE EXTRA ADHESIVE MAY CAUSE THE DEFECT IN ELECTRICAL CONTINUITY



GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	20:1	<b>Sinkelee</b>		
	DRWN BY	DATE			
ANGULAR TOL ±1.0°	Jack	2016/03/18	FPC025-503300-4110		
4 PLACES ±0.03	APPR BY	DATE	PRODUCT CUSTOMER DRAWING		
3 PLACES ±0.03	Joson	2016/03/31	MATERIAL NUMBER		
2 PLACES ±0.05	APPR BY	DATE	CUSTOMER		
1 PLACE ±0.1	TKUSUHARA01	2016/03/31	SEE SHEET 1		
0 PLACES ±0.2	DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3		503300		
			DOC TYPE	DOC PART	SHEET NUMBER
			PSD	000	1 OF 2