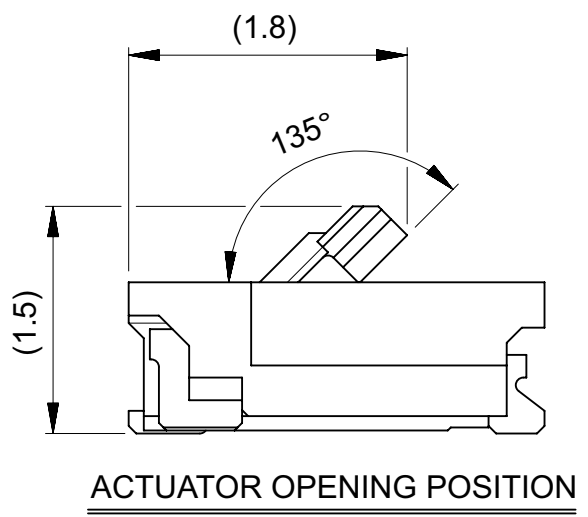
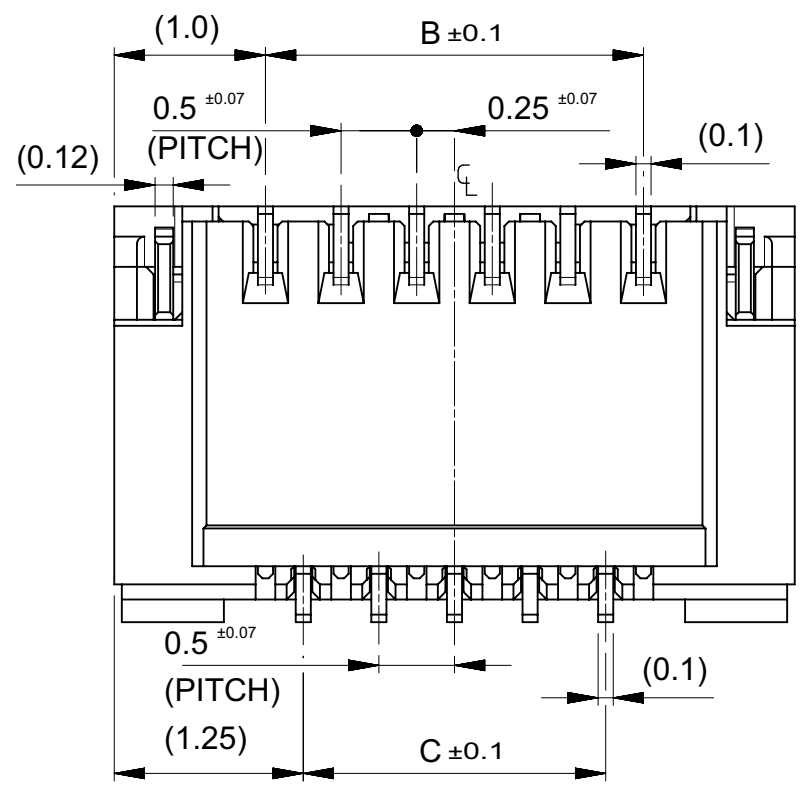
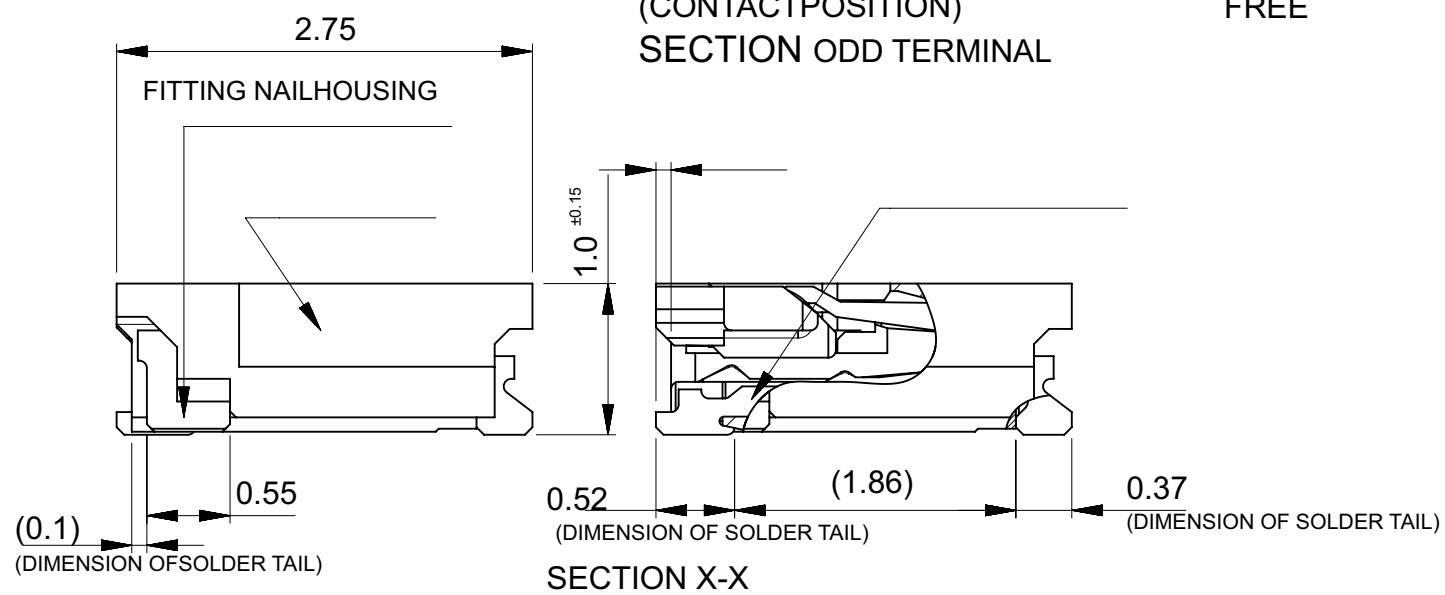
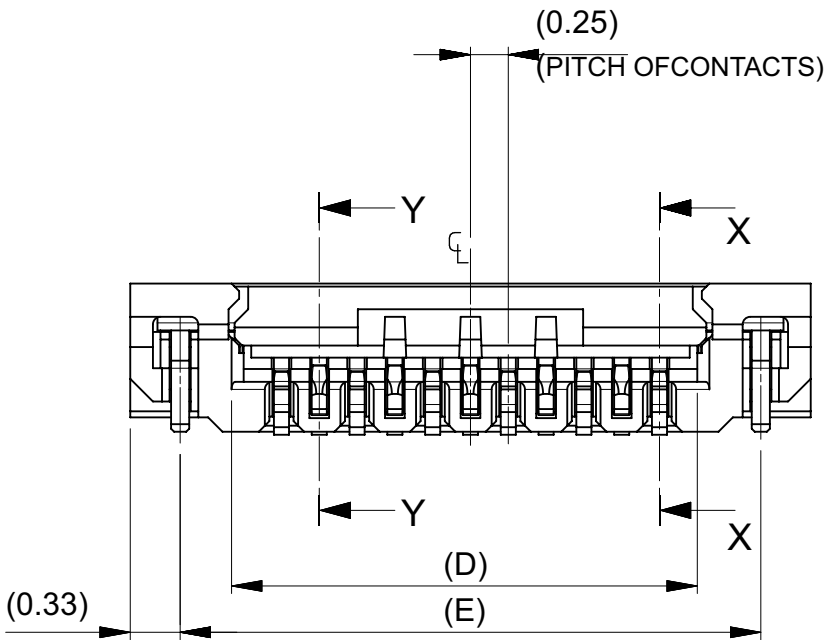
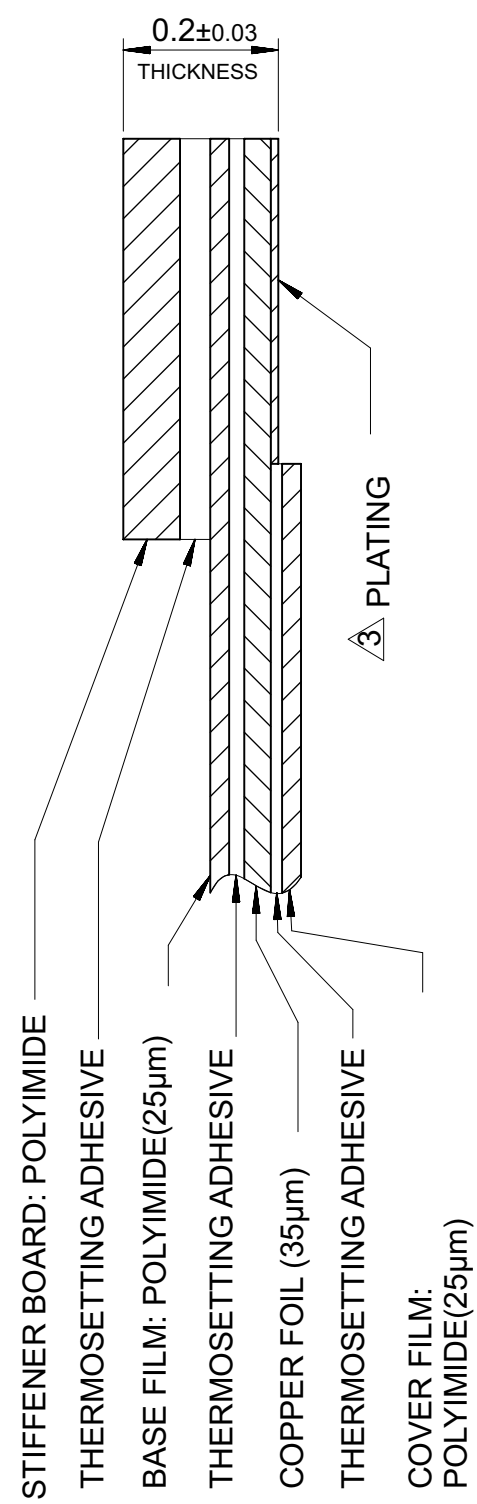


- NOTES**
1. MATERIALS
 HOUSING : G.F. HEAT RESISTANCE PLASTIC
 ACTUATOR : G.F. HEAT RESISTANCE PLASTIC
 ODD TERMINAL: COPPER ALLOY, Gold OVER Nickel PLATING
 EVEN TERMINAL: COPPER ALLOY, Gold OVER Nickel PLATING
 FITTING NAIL : COPPER ALLOY, Tin OVER Nickel PLATING
1. COPLANARITY OF SOLDER TAILS AND FITTING NAILS : 0.1MAX GENERAL TOLERANCES: ± 0.3
 2. THERE ARE DENT SHAPES AT ACTUATOR FOR MOLDING GATE
 3. ELV AND RoHS COMPLIANT
 4. CHLORINATED AND BROMINATED FLAME RETARDANTS FREE

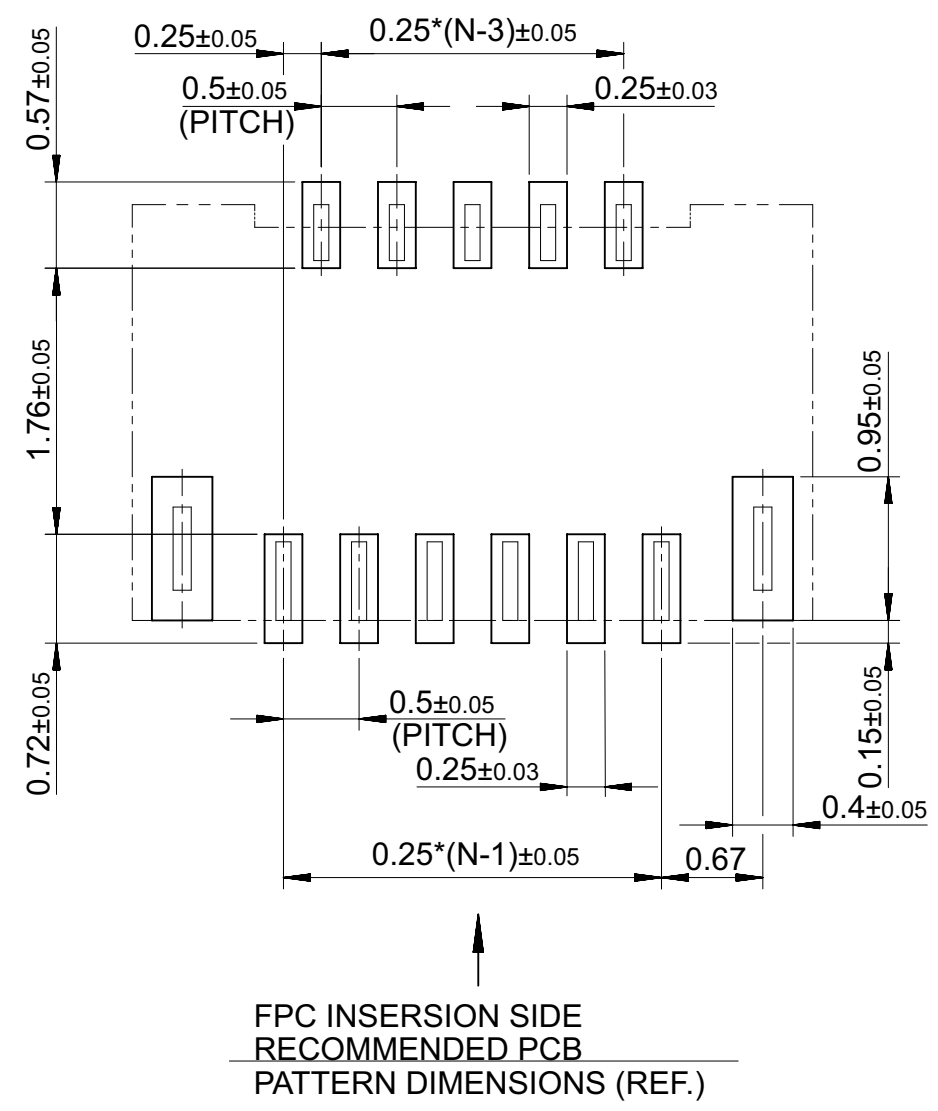
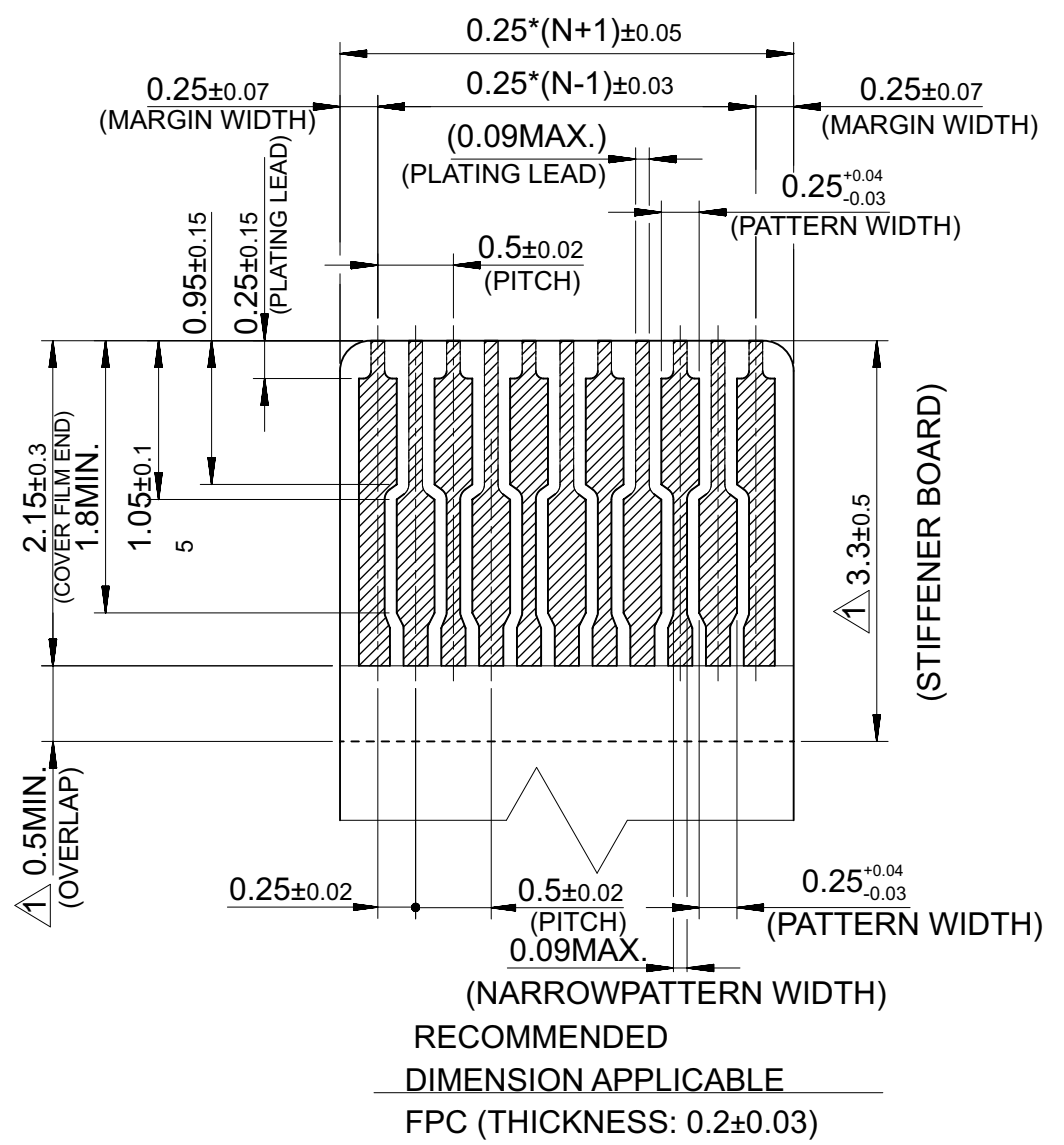


| | | | | | | | |
|-------|-----|-----------|------|--------------|-------------|-------------|----|
| 13.84 | 13 | 12 | 12.5 | 14.5 | 502078-5110 | 502078-5118 | 51 |
| 9.34 | 8.5 | 7.5 | 8 | 10 | 502078-3310 | 502078-3318 | 33 |
| 7.34 | 6.5 | 5.5 | 6 | 8 | 502078-2510 | 502078-2518 | 25 |
| 6.34 | 5.5 | 4.5 | 5 | 7 | 502078-2110 | 502078-2118 | 21 |
| 5.34 | 4.5 | 3.5 | 4 | 6 | 502078-1710 | 502078-1718 | 17 |
| EDCBA | | ORDER NO. | | MATERIAL NO. | | CKT.=N | |

| | | | | | |
|--|------------|------------------------|--|--------------|-----------------|
| GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL $\pm 1.0^\circ$ 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 | Sinkelee PART NUMBER FPC025-502078-2510 | | |
| | DRWN BY | DATE | | | |
| | Jack | 2016/03/18 | MATERIAL NUMBER | | CUSTOMER |
| | APPR BY | DATE | SEE SHEET 1 | | DOCUMENT NUMBER |
| | Joseon | 2016/03/31 | 502078 | | DOC TYPE |
| APPR BY | DATE | THIRD ANGLE PROJECTION | | DOC PART | |
| TKUSUHARA01 | 2016/03/31 | A3 | | 000 | |
| DRAWING SIZE | | THIRD ANGLE PROJECTION | | SHEET NUMBER | |
| A3 | | | | 1 OF 2 | |



EXAMPLE OF FPC
COMPOSITION MATERIAL



- NOTES**
- WHEN STIFFENER BOARD DIMENSION CAN NOT BE AS DRAWING, PLEASE GIVE THE OVERLAP SIZE OF COVER FILM AND STIFFENER BOARD AS 0.5mm MINIMUM
 - RECOMMEND SCREEN THICKNESS : 100µm
RECOMMEND SCREEN OPEN RATIO : 80%
 - FPC PATTERN PLATING : 0.1µm MINIMUM
GOLD PLATING
NICKEL UNDER PLATING : 2~6µm
 - ABOUT FPC
RECOMMENDED PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFENER BOARD 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 | Sinkelee | | |
| ANGULAR TOL ±1.0° | DRWN BY Jack | DATE 2016/03/18 | | | |
| 4 PLACES ±0.03 | APPR BY Joson | DATE 2016/03/31 | PRODUCT CUSTOMER DRAWING | | |
| 3 PLACES ±0.03 | APPR BY TKUSUHARA01 | DATE 2016/03/31 | MATERIAL NUMBER SEE SHEET 1 | CUSTOMER | |
| 2 PLACES ±0.05 | DRAWING SIZE A3 | THIRD ANGLE PROJECTION | DOCUMENT NUMBER 502078 | DOC TYPE PSD | DOC PART 000 |
| 1 PLACE ±0.1 | | | SHEET NUMBER 1 OF 2 | | |
| 0 PLACES ±0.2 | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | |