

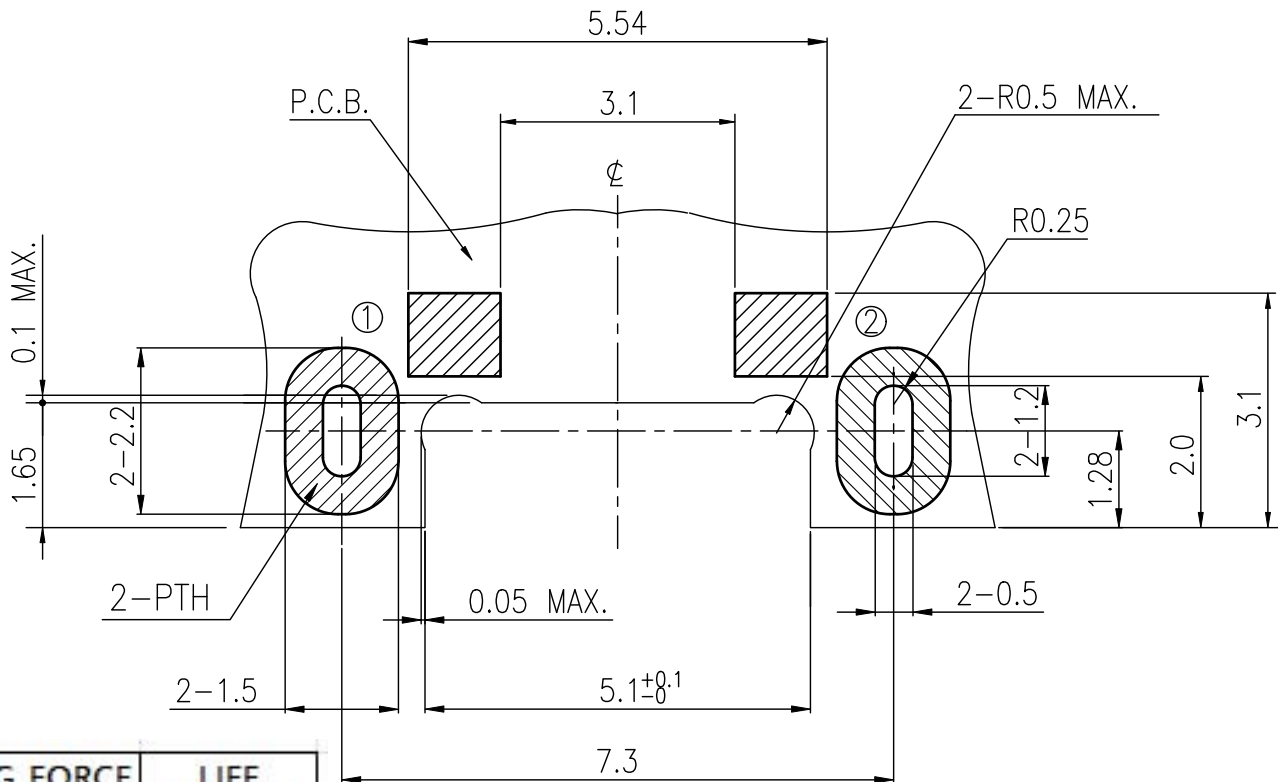
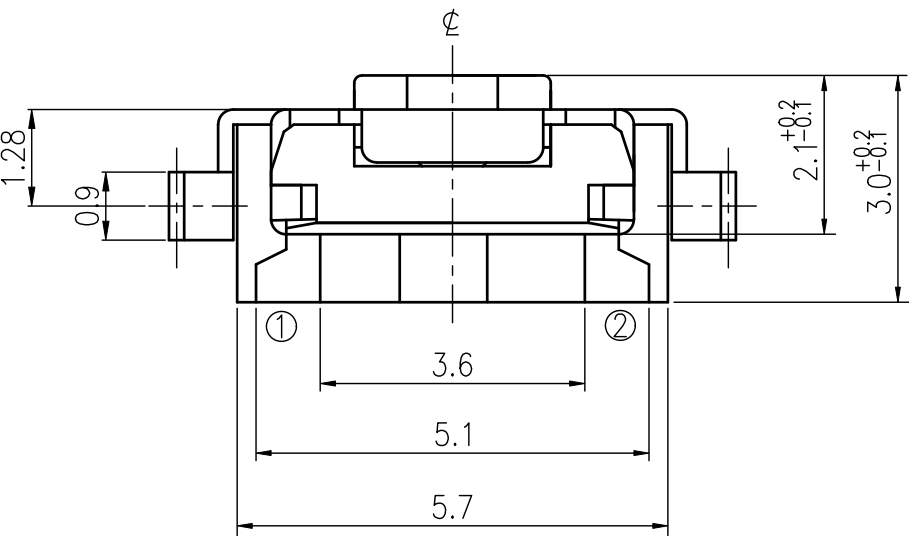
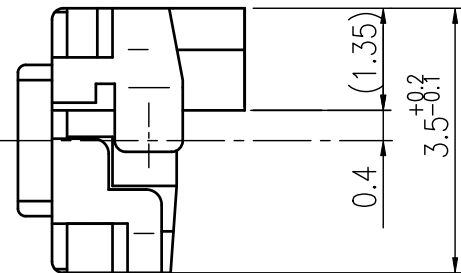
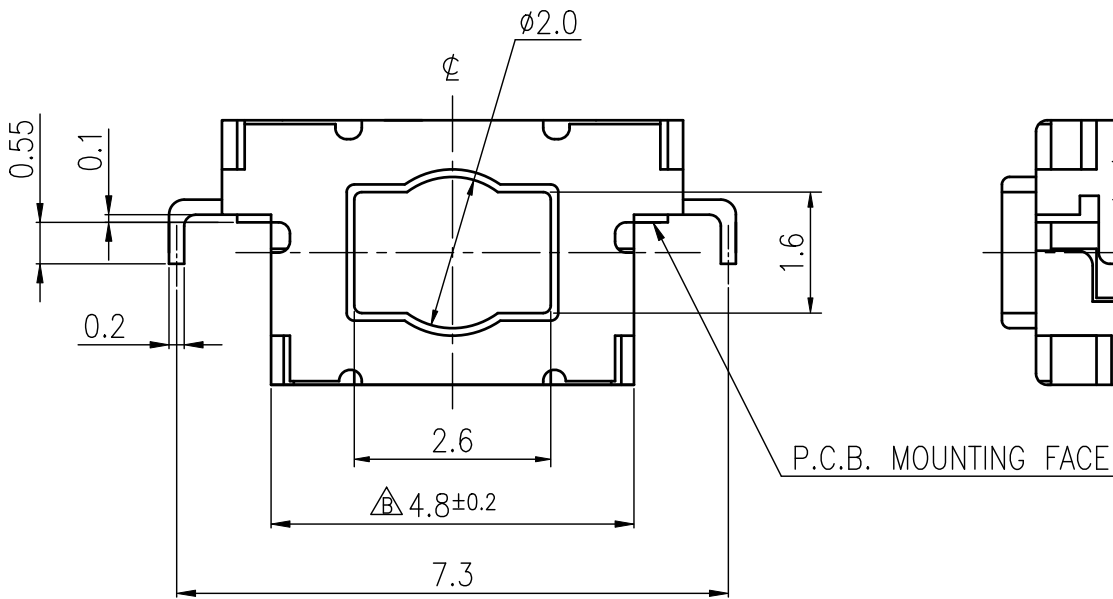
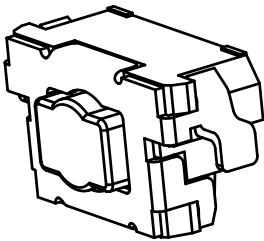
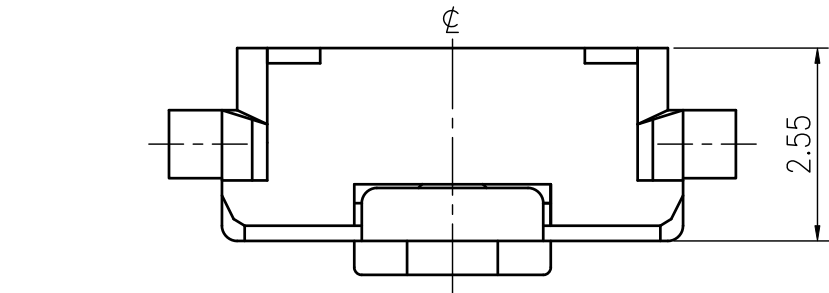
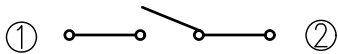
RoHS Compliant



REVISIONS							
Rev	DESCRIPTION	DATE	DRAWER	Rev	DESCRIPTION	DATE	DRAWER
A	Initial Drawing	2013.03.27	Jane Shen	C			
B	Change Drawing	2014.06.23	Jane Shen	D			

SPECIFICATIONS			
RATING	DC12V 50mA	TIMING	
CONTACT RESISTANCE	100mΩ MAX.	OPERATION (TORQUE)	
INSULATION RESISTANCE	DC500V-100MΩ MIN.	STROKE (ANGLE)	015±0.1 mm
WITHSTAND VOLTAGE	AC250V-1 MINUTE	CONTACT RESISTANCE	2Ω MAX.
REMARKS:		(AFTER	CYCLES LIFE TEST)

SCHEMATIC



MODEL NO.	OPERATING FORCE	LIFE
ETC302-BA1G-A120T	120±50gf	1,000,000
ETC302-BA1G-A160T	160±100gf	200,000

Recommend P.C.B. Layout

TOLERANCES UNLESS OTHERWISE SPECIFIED ±0.1			SIGNATURES	DATE	MODEL
	UNIT	SCALE	DRAWER	Jane Shen	2014.06.23
	mm	10/1	CHECKED	Jamie Li	2014.06.25
			REVIEWED		
			APPROVALS	Dennis Hung	2014.06.25
			NO. See Model No.		

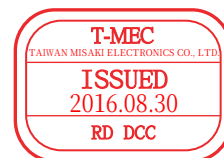
TAIWAN MISAKI ELECTRONICS CO., LTD.

RoHS Compliance

STRUCTURE AND MATERIALS

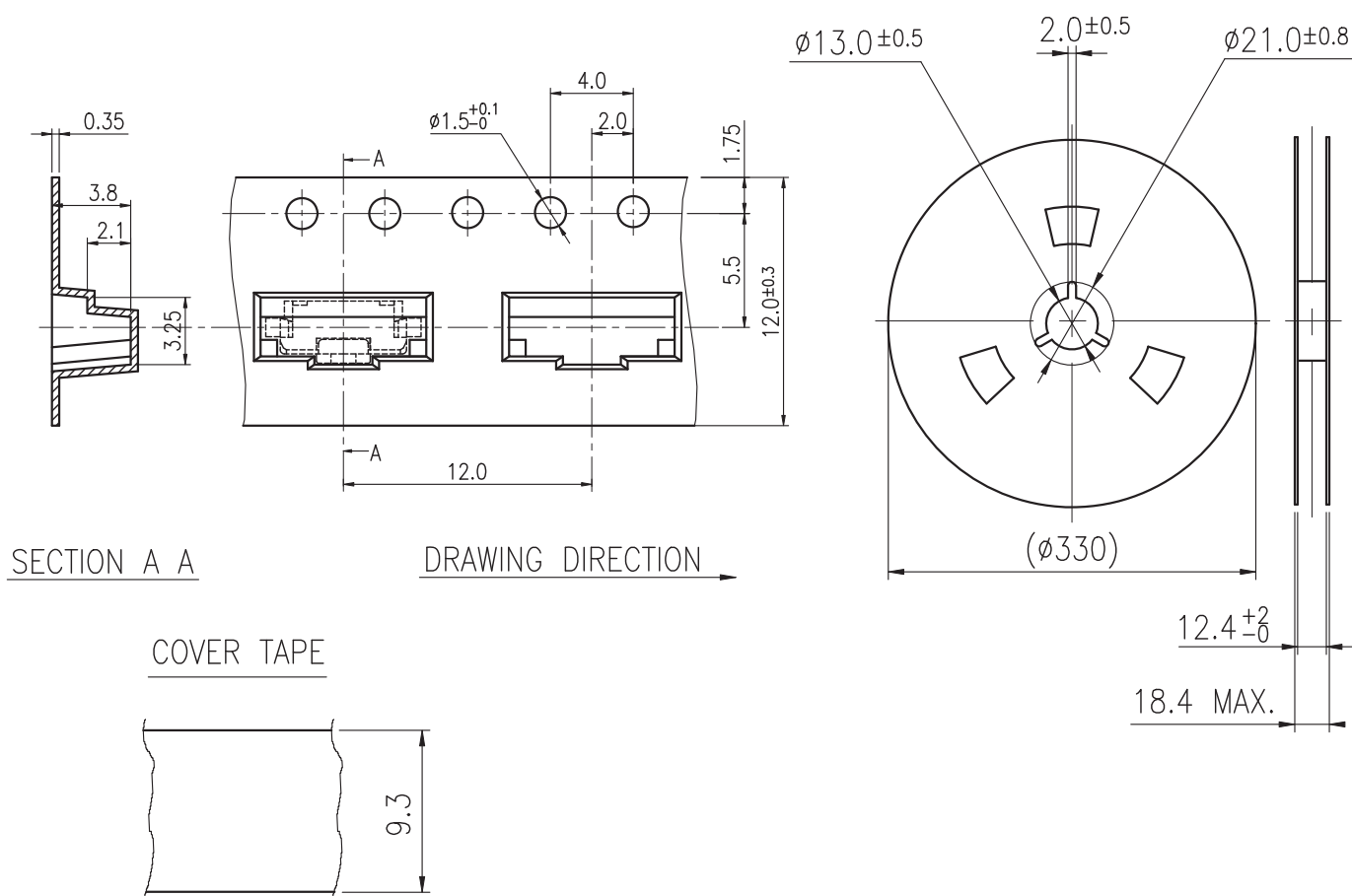
The diagram illustrates the structure and materials of a composite beam. It consists of two parts: a circular cross-section on the left and a longitudinal side view on the right. The cross-section shows a central core with a triangular void and three trapezoidal voids, surrounded by a circular matrix. A dot labeled '1' points to the matrix. The side view shows a rectangular beam with three trapezoidal voids. A dot labeled '2' points to the matrix between the voids. A line labeled '3' points to the top surface of the beam.

③	COVER TAPE	POLYESTER
②	CARRIER TAPE	POLYSTYRENE
①	REEL	POLYSTYRENE
NO.	PARTS NAME	MATERIALS



2. PACKAGE QUANTITY : 1200 PCS/REEL.
3. MORE THAN 10 EMPTY POCKETS SHOULD BE REMAINED AT BOTH ENDS OF THE CARRIER TAPE FOR EACH REEL.
4. SHORTAGE LESS THAN 10 PCS A REEL IS ACCEPTABLE BUT MORE THAN 3 RUNNIG POCKETS SHORTAGE IS NOT ALLOWED.
5. STRIPPING STRENGTH OF COVER TAPE IS BETWEEN 10 gf TO **130** gf AND STRIPPING ANGLE SHOULD BE WITHIN 165°~180°.
6. THE PRODUCT IN THE POCKET OF CARRIER TAPE SHOULD BE PLACED IN A SPECIFIED CORRECT POSITION.
7. TAPE AND REEL PER EIA-481.
8. DIMENSIONS :

REEL



				APPROVED BY	REVIEWED BY	CHECKED BY	DESIGNED BY	MODEL NO.	
								NTC302-BA1G-A120T	
				<i>Fred Chen</i>	Ken Lin	Max Chen	Jane Shen	PAGINATE.	SPEC NO.
				2008.12.16	2008.12.15	2008.12.15	2008.12.15	1/1	P-494
SYM	DISRIPTION	DATE	APPROVED						