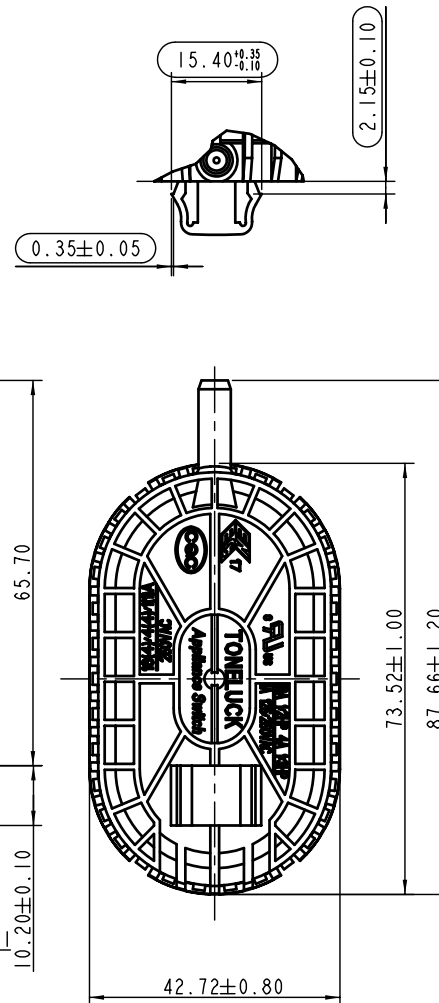
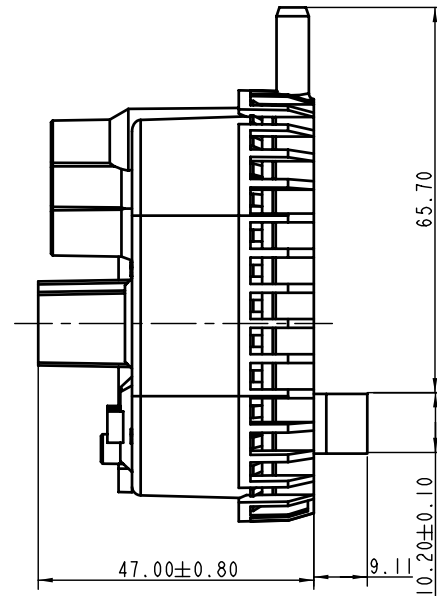
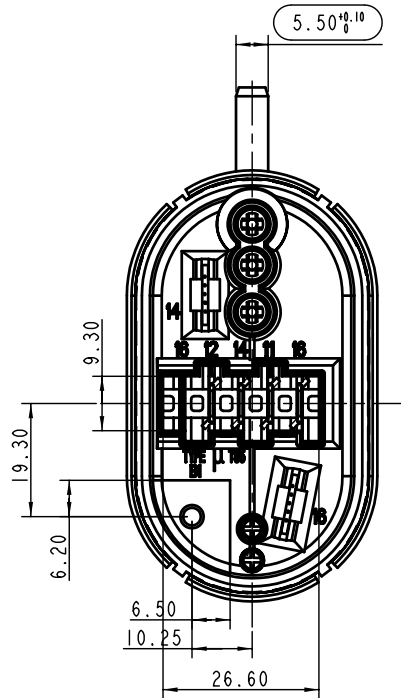




WATER LEVEL SET POINT:

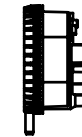
MAIN CONTACT	ON (14-11)	115±5 MM W.C.
	OFF (12-11)	90±5 MM W.C.
OVERFLOW PROTECTION (16-11)		300±30 MM W.C.

WORKING ENVIROMENT

OPERATING TEMPERATURE	85°C MAX.
OPERATING HUMUDITY	95%RH MAX.

MOUNTING ORIENTATION:

☒ VERTICAL ☐ HORIZONTAL UP ☐ HORIZONTAL DOWN



ELECTRICAL RATINGS & ENDURANCE:

NO-COM (14-11)	ENEC&CQC: 16(4)A @ 250VAC	25,000 CYCLES
	UL : 16A 1/2HP @125/250VAC	6,000CYCLES
NC-COM (12-11)	ENEC&CQC: 4(4)A @ 250V AC	25,000 CYCLES
	UL : 4A 1/3HP @125/250VAC	6,000CYCLES
OVE-COM (16-11)	ENEC&CQC: 1(1)A @ 250V AC	5,000 CYCLES
	UL : 1A @125/250VAC	6,000 CYCLES
CONTACT RESISTANCE		50 mOHM MAX. INITIAL
INSOLATION RESISTANCE		100 MOHM MIN. INITIAL
DIELECTRIC VOLTAGE		1250 VAC, 50 OR 60Hz, 1MIN (CUT-OFF CURRENT: 100mA)

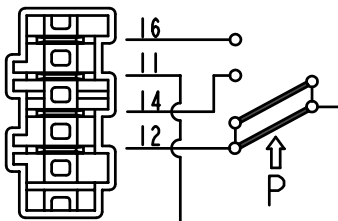
CIRCUITS CONNECTION:

OVERFLOW PROTECTION (OVE)

COM

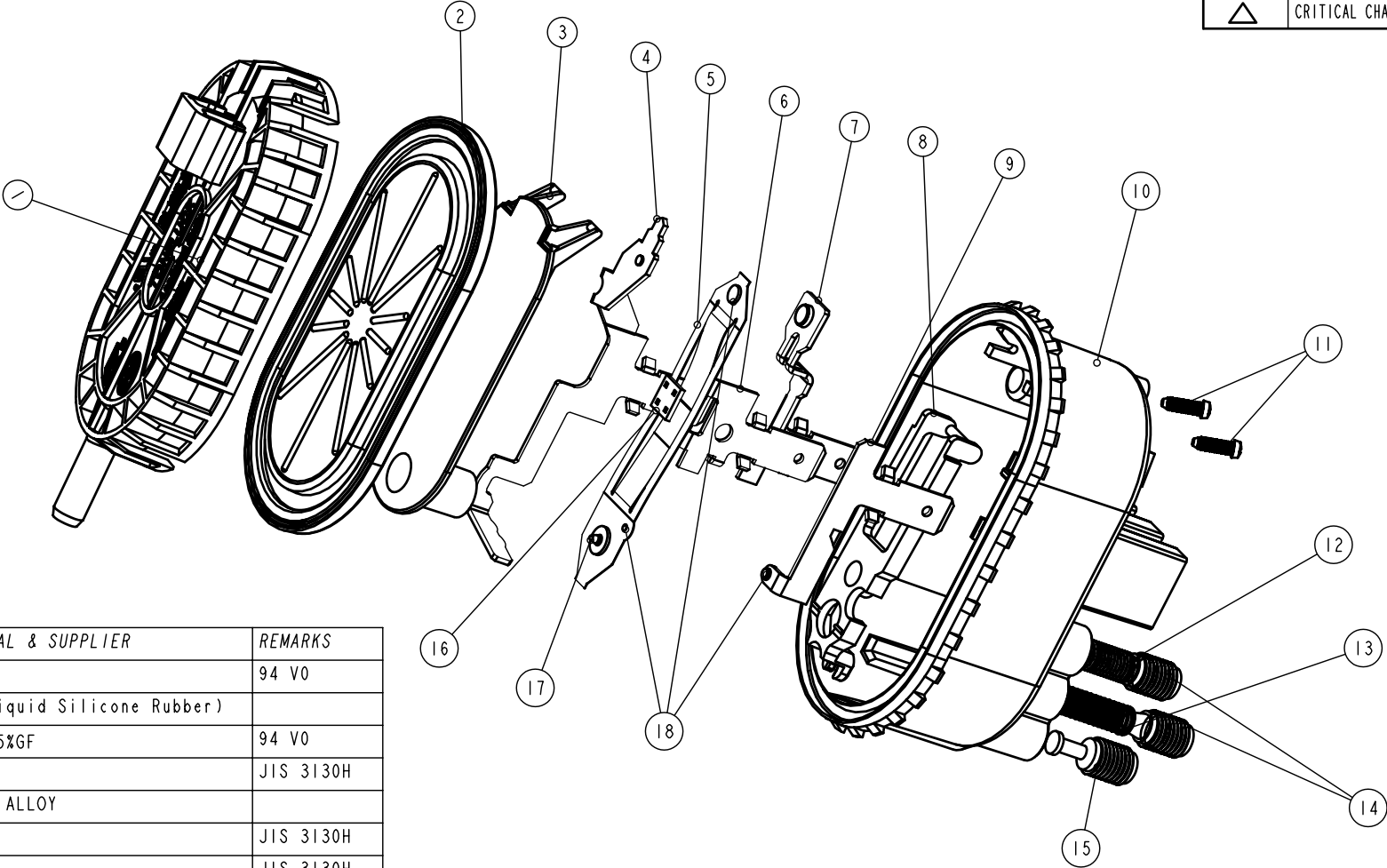
MAIN CONTACT NO (NO)

MAIN CONTACT NC (NC)



MASS PRODUCTION RELEASE

Project Ref:	WATER LEVEL SWITCH (SINGLE LEVEL)			Tolerance Unless Otherwise Specified					
Part No:	B111-111-D003			~3	>3~10	>10~30	>30~80	>80~180	Angle
Drawing No:	- - -	Eng Ver	A3	±0.20	±0.30	±0.40	±0.60	±0.80	±3°
Drafted by:	Owen Lee	Date:	2010-12-06	Unit: mm		Size: A4		Scale:	
Checked by:	Ray Xu	Date:	2010-12-06	THIRD ANGLE		TONELUCK Switches & Control Solutions			
Approved by:	Ray Xu	Date:	2010-12-06						



No.	DESCRIPTIONS	USAGE	MATERIAL & SUPPLIER	REMARKS
1	BOTTOM CASE	1	PA66	94 V0
2	DIAPHRAGM	1	LSR (Liquid Silicone Rubber)	
3	LEVER A	1	PA66+25%GF	94 V0
4	TERMINAL NC	1	BRASS	JIS 3130H
5	SPRING PLATE	1	COPPER ALLOY	
6	TERMINAL COM	1	BRASS	JIS 3130H
7	TERMINAL NO	1	BRASS	JIS 3130H
8	LEVER B	1	PA66+25%GF	94 V0
9	TERMINAL OVE	1	BRASS	JIS 3130H
10	TOP CASE	1	PA66 + 30% GF	94 V0
11	ADJUST SCREW C	2	Stainless STEEL /Steel with plating	
12	SPRING B	1	Stainless STEEL /Steel with plating	
13	SPRING A	1		
14	ADJUST SCREW A	2	PPO	94 V1
15	ADJUST SCREW B	1		
16	CONNECT PLATE	1	BRASS	JIS 3130H
17	PLASTIC PIN	1	PA66 + 25% GF	94 V0
18	CONTACTS	5	Ag ALLOY (ALL CONTACTS)	

Project Ref: WATER LEVEL SWITCH (SINGLE LEVEL)				Tolerance Unless Otherwise Specified						
Part No:	B111-111-D003				~3	>3~10	>10~30	>30~80	>80~180	Angle
Drawing No:	— — —	Eng Ver	A3	±0.20	±0.30	±0.40	±0.60	±0.80	±3°	
Drafted by:	Owen Lee	Date:	2010-12-06	Unit: mm		Size: A4		Scale:		
Checked by:	Ray Xu	Date:	2010-12-06	THIRD ANGLE 		TONELUCK Switches & Control Solutions				
Approved by:	Ray Xu	Date:	2010-12-06							