Product Specification

Model No.	2054	Document no:	2054-S- E-PPS	VER:	00
IC:		Prepared By:	Chiang	Date:	
LCD:		Checked By:		Date:	
Release date:		Approval By:		Date:	

Description	Specification	Condition	Remark/Equipment
Operating Voltage	1.5V	DC battery type AAA (carbon zinc battery)	
Key Durability			
- Rubber Key	100,000 times	200 ± 20 g	
Current Consumption			
-Stand-by Current	≤15μA (AVG)	At voltage 1.5V	
-Alarm Current	≤ 8mA(AVG)	At voltage 1.5V	
Time accuracy Standard	±60 sec/month	At 25 □	
Operating Temperature	0℃~40℃(32 °F ~ 104 °F)		
Alarm sound level	≥70 dB	At voltage 1.5V 30cm from the product	
Battery useful life Assumption ; (e.g.) 1. TOSHIBA LR44EB ALKALINE 1.5V×1PCS 2. Buzzer on duration every time is 1 min 3. Buzzer on 1 time/day	Approximate 3 month		
Environment Test Standard	High temperature, 72Hr Low temperature, 72 Hr Humidity, 72 Hr	+60℃ (140 °F) -10℃ (14 °F) +40℃ (104 °F), 95% Relative humidity	
Electrostatic Discharge (ESD)	+/- 4 kV +/- 8 kV	Contact discharge Air discharge	
Vibration Test	- Fixed frequency - Change frequency	50Hz, XYZ each 30 min 10Hz ~ 50Hz ~ 10Hz, XYZ each 20 min	
Free Drop Test	6 faces	Test on hard wood board ● Height：25cm，6 faces for 3 times ● Height：10cm，6	1. Function pass ; 2. Accept that sample reset when drop test in or higher than

		faces for 15 times ● Height：50cm，6 faces for 1 time Height：75cm，1 face(bottom) for 1 time	25mm height.； 3. Deviation of engineering specification is within 10%.； 4. No defect； 5. Accept that parts is released but can be re-installed； 6. Moving part operation pass；
Packing Drop Test	6 faces, 3 edges, 1 corner	Height: 76.2cm (0—9.5kg) 61cm(9.5kg--18.6kg) 45.7cm (18.6kg--27.6kg) from concrete floor	
Appearance check standard : Viewing 2ft from the product No objection marks Colour as per colour chip After upper case and lower case assembly the gap not more than 0.3mm			