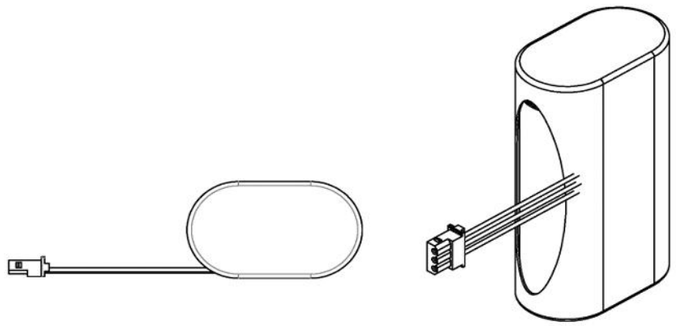
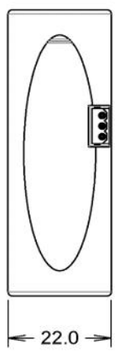
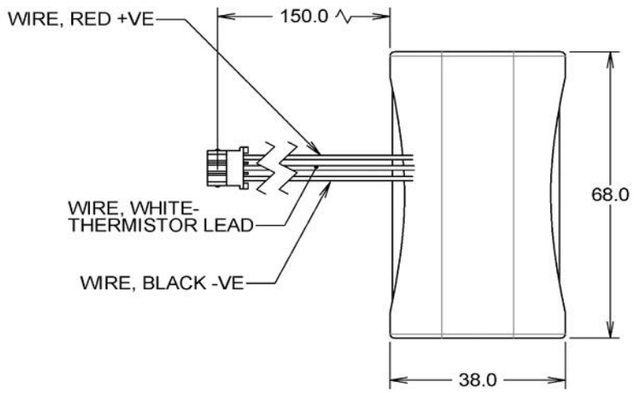
REV	PCN	REVISION DESCRIPTION	DATE
1	-	THERMISTOR LEAD ADDED WITH CONN 5264	08 Jan 16

NOTES:

1. SYSTEM: LITHIUM ION RECHARGABLE BATTERY
2. NOMINAL VOLTAGE: 3.7V.
3. NOMINAL CAPACITY: 5800 mAh @ C/5 RATE UNTIL 6.0V @ 23°C ±2°C (C=5800mAh)
4. RECOMMENDED CHARGE METHOD: AT A TEMPERATURE RANGE BETWEEN 0°C AND 45°C CHARGE AT 932mA TO 4.2V. HOLD AT 4.2V UNTIL CURRENT DECLINES TO 100mA.
5. MAX DISCHARGE RATE: 2900mA CONTINUOUS @ 23°C
6. MAX CHARGE RATE: 1630mA
7. LIFE CYCLE:> 500 CYCLES @ C/5 TO 80% OF INITIAL CAPACITY
8. SELF-DISCHARGE: < 5% PER MONTH
9. TEMPERATURE: CHARGE 0°C TO 45°C (RECOMMENDED CHARGE)
   DISCHARGE -20°C TO 60°C (STANDARD)
   STORAGE -20°C TO 50°C
10. PROTECTION CIRCUIT:
    OVER DISCHARGE CURRENT: 3.4A TO 4.5A @ 23°C±2°C
    OVER VOLTAGE: 4.35V±0.025V PER CELL
    UNDER VOLTAGE: 2.30V±0.10V PER CELL
11. WIRING: CONNECTOR-MOLEX 5264, 3- CIRCUIT MATES WITH 5268/5267.
12. ENCLOSURE: PVC SHRINK WRAP
13. APPROX WEIGHT: 110gms







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INTERPRET DRAWING PER ASME Y14.5-2009
ALL DIMENSIONS IN mm UNLESS NOTED OTHERWISE
TOLERANCE UNLESS NOTED OTHERWISE
∠ ±.5° X ±0.8 X.X ±0.4 X.XX ±0.13 X.XXX ±0.013
METRIC
MATERIAL SEE ABOVE

DRN	Amar	08 Jan 16
CHK	CK	08 Jan 16
ENG		
ORIG		

TITLE: BATT, Li-ion, 18650, 3.7V, 5.8Ah
THIRD ANGLE PROJECTION
DO NOT SCALE
ULTRALIFE BATTERIES INDIA PVT. LTD Bangalore-560048.
PART NO. ULIN102003R1
SIZE B SHEET 1 OF 2
FA01886 REV A

ALL DIMENSIONS : mm

UN - SPECIFIED TOLERANCES
WHOLE NO.: ± 0.5
X.X : ± 0.1
X.XX: ± 0.01
X.XXX: ±0.001
ANGLES: ± 0.5°

MATERIAL	AS NOTES	GENERAL TOL.	ISO 2768-mk	
WEIGHT	110 gm	DERIVED FROM	-	
FINISH	NA		Name	Date
HARDNESS	NA	DRAWN	HSS	05-08-16
TREATMENT	NA	CHECKED	SK	15-06-17
SURFACE ROUGHNESS	NA	APPROVED	VK	17-07-17

Document kind : PART
Resp.(Div./Dept.) IAMA
Status RELEASED
SCALE: 0.100

PART N° : 3KXS210025L0001
DRAWING N° : 3KXS210025B0001
FORMAT: A3
REL. DATE: 17-17-17
TITLE: BATTERY
Li-ion, 3.7V, 5.8Ah
SHEET: 1 of 1
Rev. 0.00
Lang. EN

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