

Tested with part #BK-18650-PC4-COVER

Vibration Test: 10-55-10 Hz swept in 60 seconds

X,Y,Z direction: 1 hour each direction

Result: No dislodgement of the cell or damage

Shock Test: Half sine wave acceleration 80G. 6 micro-seconds

3 shock pulses each direction per axis

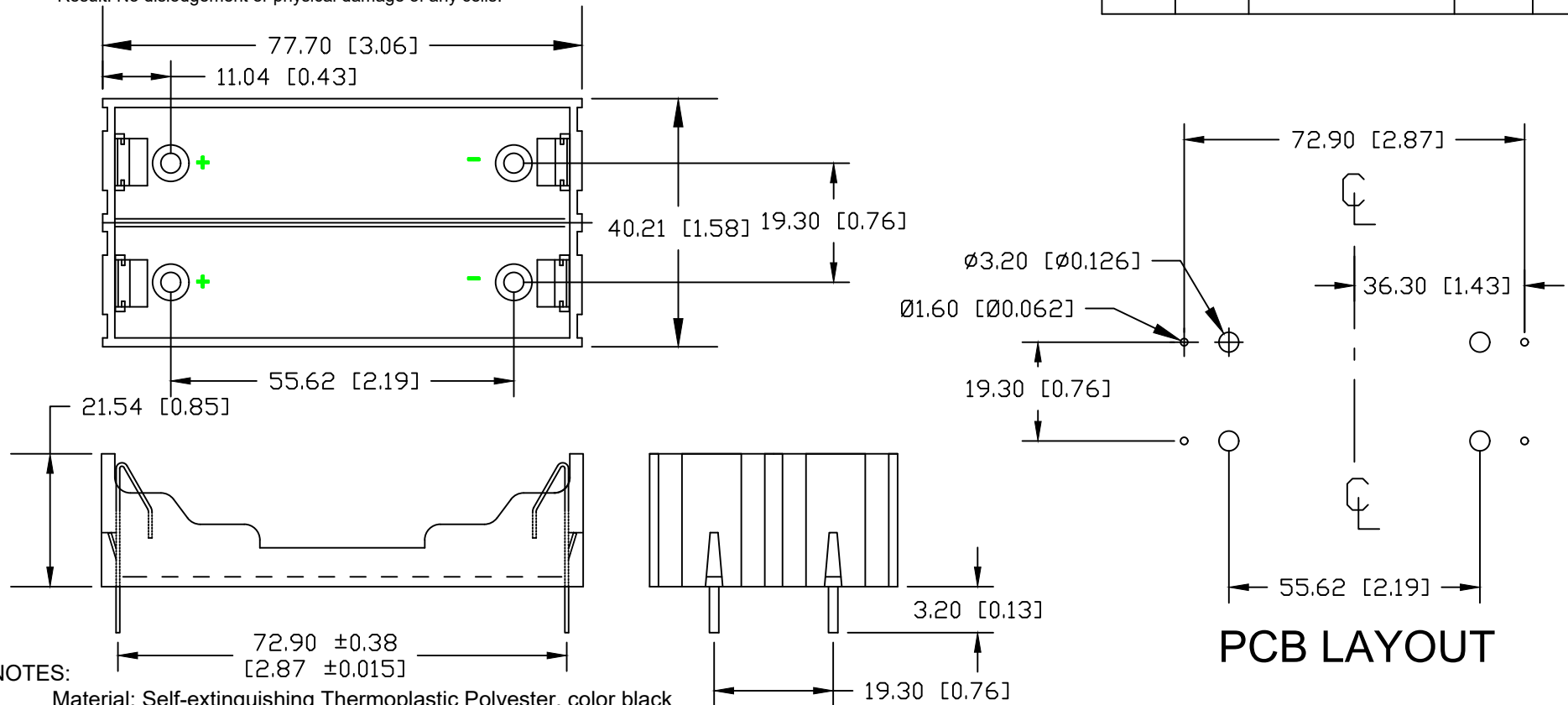
Result: No evidence of physical damage.

Drop Test: Mounted on board and dropped 1 time, 1 side from 1 m.
high to wooden floor.

Result: No dislodgement or physical damage of any cells.

This battery holder is designed for use with
protected 18650 batteries (PCB)

Date	SYM	REVISION RECORD	AUTH	DR.	CK.
04/05/19	J	DIM. 72.90 WAS 72.50	T.B.	B.S.	
05/17/19	K	UPDATED NOTES	T.B.	B.S.	
10/19/23	L	ADDED UL FILE NO.	T.B.	B.S.	
05/13/24	M	ADDED TEST DATA	D.L.	B.S.	



NOTES:

Material: Self-extinguishing Thermoplastic Polyester, color black

Temperature Range: -40°C to +180°C

Contacts: 302 Stainless Steel Spring Temper, Nickel Plated

Flammability Rating: UL 94V-0, UL File # E121562

Dielectric Strength: 560 Volts/Mil. at 25°C for 5 Sec.


Resistance to Solvents: Xylene, ethyl, butyl, methyl & toluene

Weight: 19.55g.

ROHS COMPLIANT

Mounting Instruction:

Use 2-56 machine screws or eyelets 0.089" OD
by 0.15" flange stimpson GS-3 series or equivalent.
also adhesives and double sided tapes work well.

Tolerance (Inches)	 Memory Protection Devices, Inc. 200 Broad Hollow Road, Farmingdale, New York 11735		
Decimal ±.5 (.020)			Scale
Fractional ±.8 (.030)	Title TWO 18650 LI-ION CELL HOLDER		Drawn By B.S. Approved By D.L.
Angular ± 3°	Date 05/13/24	Drawing Number BK-18650-PC4	