

HICS: 6135-99

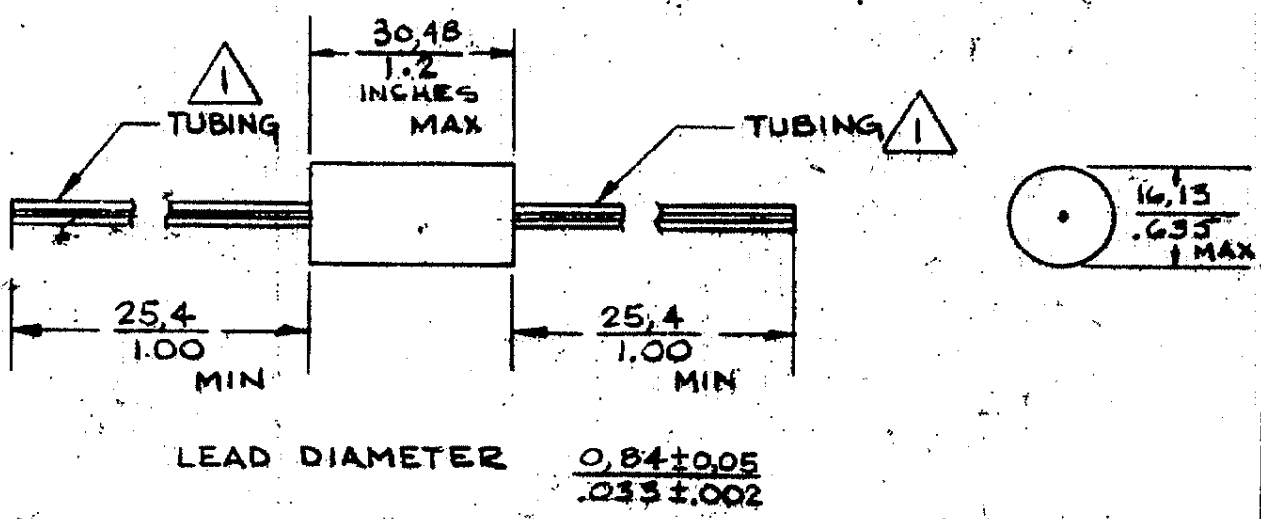
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SNT	1	2	3	4	5
REV	6	6	3	4	5

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ISS	REVISION & DATE	APPD
1	RELEASED 4-6-82	JF
2	REV'D 6-29-84	K
3	REV'D 12-20-85	K
4	REV'D 2-15-86	K
5	REV'D 4-9-87	K
6	REV'D 4-26-89	JF

A130750596-TAB



NOTE: TUBING REQUIRED ON TAB-501 ONLY.

PROJECTION	
LINEAR MEASURE:	mm IN
MATERIAL	PURCHASED
FINISH	

DRAWN	LT	11/1/81
CHECKED		11/1/81
REV ENGR	S.M.O	11-12-81
WPS ENGR	H.M.S	11-12-81
COMP	S.S.	12-15-81
TOLERANCE UNLESS NOTED		
ANGULAR DIMENSIONS		

Honeywell

BATTERY,
LITHIUM BASED

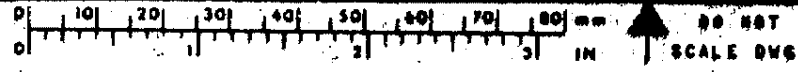
CL.DR

30750596-TAB

SCALE 1:1

USED ON 30752381

SNT 1 OF 5



7693 | B | 89

1.0 SCOPE

THIS DOCUMENT DESCRIBES THE REQUIREMENTS FOR A LITHIUM BASED ELECTRICAL BATTERY.

2.0 APPLICABLE DOCUMENTS

NONE.

3.0 ELECTRICAL REQUIREMENTS

3.1 VOLTAGE : 3.68 VOLTS DC MAX TO 2.9 VOLTS MIN.

3.2 CAPACITY : TAB 001/501: 850mA-HRS MIN. WITH 18K OHM LOAD TO 2.5 VOLTS DC AT 25°C.
TAB 002: 630mA-HRS MIN. WITH 36K OHM LOAD TO 2.5 VOLTS DC AT 25°C.

3.3 RECHARGE : BATTERY NOT TO BE RECHARGED. LIMIT ANY RECHARGE CURRENT TO 10mA. BATTERY MAY VENT IF RECHARGED BEYOND THIS LIMIT.

4.0 ENVIRONMENTAL REQUIREMENTS

4.1 TEMPERATURE: -40°C TO 85°C OPERATING AND STORAGE. BATTERY MAY VENT IF STORED OR OPERATED BEYOND THE TEMPERATURE RANGE.

4.2 HUMIDITY: RELATIVE HUMIDITY 10 TO 95%

4.3 A.H.: 400 GRAINS OF WATER PER POUND OF DRY AIR.

4.4 STORAGE: THERE WILL BE NO MEASURABLE LOSS IN CAPACITY AFTER ONE YEAR OF STORAGE WITHIN ENVIRONMENTAL LIMITS.

5.0 MECHANICAL REQUIREMENTS

5.1 TERMINATIONS: AXIAL LEADS AS PER DRAWING

5.2 LEADS SHALL BE SOLDERABLE. LEADS CONTAINING MORE THAN 5% IRON SHALL BE EITHER TIN PLATED OR TIN DIPPED. NO SILVER PLATED LEADS ALLOWED.

5.3 POSITIVE AND NEGATIVE TERMINALS MUST BE IDENTIFIED ON THE BODY OF THE BATTERY.

5.4 FOR TAB 501: LEADS TO BE PROTECTED BY PVC OR EQUIVALENT TUBING TO MINIMIZE ACCIDENTAL ELECTRICAL CONNECTIONS.

Honeywell

A/A4

30750596-TAB

SCALE

N

REV 6

DATE

4/2/89

SHEET 2

7693

B

89

A 30750596-TAB

F-2696 (7/79)