

[INCH-POUND]  
 A-A-59264  
 13 September 1999  
 SUPERSEDING  
 MIL-B-18/4D  
 21 May 1985

## COMMERCIAL ITEM DESCRIPTION

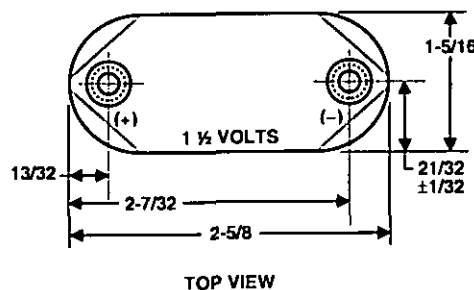
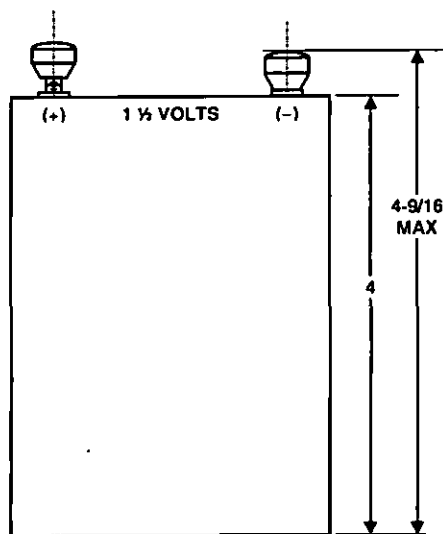
### BATTERY, DRY, +1.5VDC

The General Services Administration has authorized the use of this commercial item description as a replacement for MIL-B-18/4D for all federal agencies.

1. **SCOPE.** This commercial item description (CID) establishes the government acquisition requirements for a +1.5 Vdc dry-cell battery used in portable electronic, communication, and other military equipment including radio and test sets and flashlights.

2. **SALIENT CHARACTERISTICS.** The battery shall meet the requirements of ANSI C18.1M-1992, "Dry Cells and Batteries - Specifications" and the cells shall meet the requirements of ANSI Specification Sheet 20-1346-2421.

2.1 **Dimensions.** The battery shall meet the dimensional requirements shown below.



INCHES	MM
1/32	.79
1/16	1.59
13/32	10.32
21/32	16.67
1-5/16	33.34
2-7/32	56.36
2-5/8	66.68
4	101.60
4-9/16	115.89

NOTE: Tolerance is  $\pm 1/16$  inch, unless otherwise specified.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any other data which may improve this document should be sent to: Defense Supply Center Richmond (DSCR), ATTN: DSCR-VBD, 8000 Jefferson Davis Highway, Richmond, VA 23297-5610.

AMSC N/A

FSC 6135

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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2.2 Voltage. The battery shall provide a nominal voltage of +1.5 Vdc.

2.3 Weight. The battery weight shall not exceed 14 ounces.

2.4 Terminal type. The terminals for this battery shall be the stud and nut type. An external tooth lock washer shall be provided for each terminal.

2.5 Cell type. Cells shall meet the requirements of ANSI Specification Sheet 20-1346-2421.

### 3. REGULATORY REQUIREMENTS

3.1 Recovered materials. Offerors and contractors are encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

3.2 Environmental protection. All battery products and production methods shall meet all applicable Environmental Protection Agency restrictions in effect on the date of the associated contract. These regulations specify material emissions which are hazardous to the environment or to the user's health and shall be applied during the manufacturing, service, transportation, storage, and use of the battery supplied.

### 4. QUALITY ASSURANCE PROVISIONS

4.1 Product conformance. The batteries provided shall meet the salient characteristics of this commercial item description, conform to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same product offered for sale in the commercial market. The government reserves the right to require proof of such conformance.

4.2 Market acceptability criteria. The item offered must have been previously sold on the commercial market.

### 5. PACKAGING

5.1 Preservation, packing, and marking. For acquisition purposes, the battery shall be preserved, packed, and marked as specified in the contract or order.

### 6. NOTES

#### 6.1 Sources of documents

6.1.1 ANSI Standards. Copies of ANSI Standards may be obtained from the American National Standards Institute, 11 W 42nd Street, New York, NY 10036-8002.

6.1.2 FAR. Copies of the Federal Acquisition Regulation (FAR) may be obtained from the Superintendent of Documents, U. S. Government Printing Office, Washington, DC 20402-0001.

6.2 National stock number (NSN). This CID is associated with NSN 6135-00-120-1025. Other NSNs may also apply to the battery specified in this CID.

6.3 Sources of supply. The manufacturers and/or suppliers listed below are known to supply products which meet the salient characteristics requirements of this CID. Competition is not limited to the listed firms.

CF BURGESS LABORATORY  
1315 North Bolton Road  
Freeport, IL 61032  
(815) 235-8000  
Part Number: 2FH

BREN-TRONICS INCORPORATED  
10 Brayton Court  
Commack, NY 11725  
(516) 499-5155

**MILITARY INTERESTS:**

Custodian:  
Navy - SH

Reviewer:  
Navy - MC

**CIVIL AGENCY  
COORDINATING ACTIVITY:**

GSA - 7FXE

Preparing activity:  
DLA - GS

(Project 6135-0393)