

NOTICE - WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY FOR ANY OBLIGATION WHATSOEVER, AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

#### REQUIREMENTS:

##### 1. GENERAL:

- INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
- SHALL MEET THE REQUIREMENTS OF MIL-R-93 WITH ANY ADDITIONS AND EXCEPTIONS AS NOTED HEREIN.
- SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS CONTAINED IN ND 1015404, CLASS 2.
- UNITS SHALL MEET THE QUALIFICATION REQUIREMENTS OF ND 1002057.
- MARKING: UNITS SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-130 WITH RESISTANCE VALUE, TOLERANCE, POWER RATING, MANUFACTURER'S NAME OR SYMBOL AND TYPE NUMBER. THE CONTAINER SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-129 WITH THE MANUFACTURER'S NAME, IDENTIFYING NUMBER, ITEM NAME, NASA DRAWING NUMBER, DASH NUMBER AND REVISION LETTER.

##### 2. ACCEPTANCE AND INSPECTION:

- MECHANICAL PROPERTIES:
  - LEADS SHALL BE NICKEL ALLOY PER NASA DOCUMENT PS 1015400.
- ELECTRICAL CHARACTERISTICS:
  - RESISTANCE SHALL BE AS SPECIFIED IN TABLE.
  - RESISTANCE TOLERANCE:  $\pm 1$  PERCENT.
  - POWER RATING: 1/8 WATT.
  - OPERATING TEMPERATURE RANGE:  $-55^{\circ}\text{C}$  TO  $145^{\circ}\text{C}$ .
  - TEMPERATURE COEFFICIENT:  $\pm 20$  PPM/DEGREE C.
  - MAXIMUM CONTINUOUS WORKING VOLTAGE: 37 VOLTS.

DASH NO.	RESISTANCE IN OHMS
1	4.7
2	4.8
3	4.9
4	5.0
5	5.1

PROCURE ONLY FROM APPROVED SOURCES LISTED IN ND 1002034 FOR THIS DRAWING.

MASTER

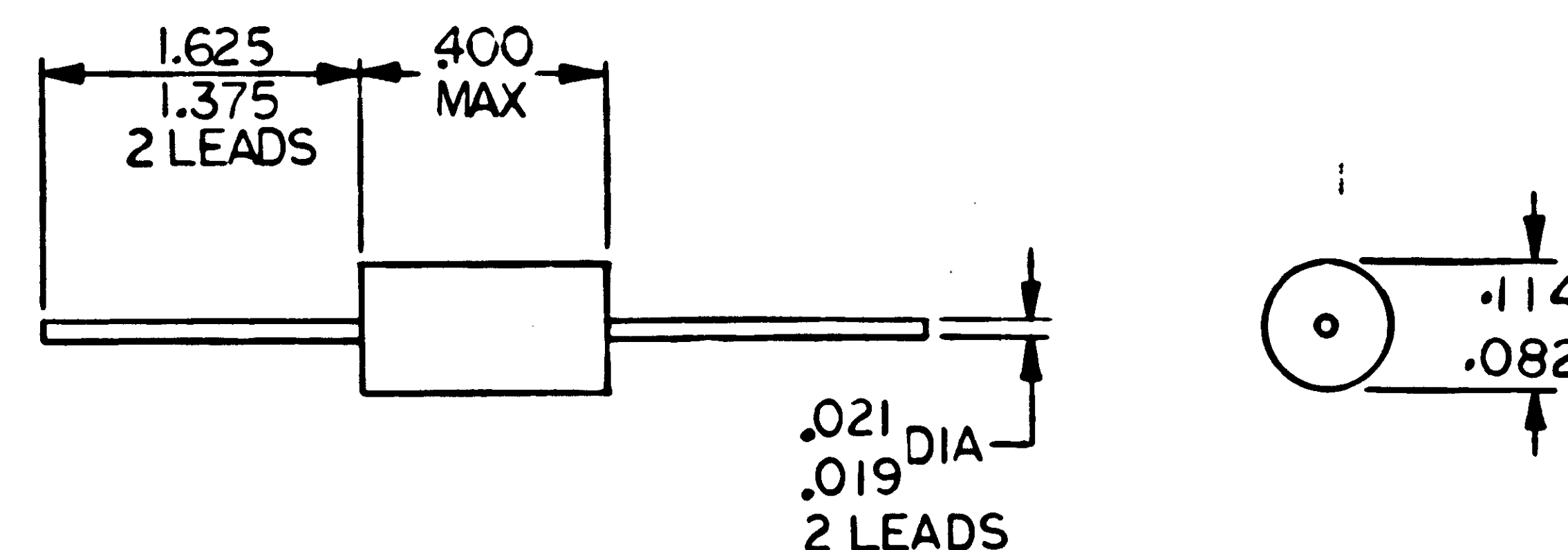
8829001

#### REVISIONS

SYM	DESCRIPTION	DATE	APPROVAL

FOR INFORMATION ONLY

CLASS B RELEASE TDR No. 00859 DATE 17 Apr 63



QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS			
MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.		MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DRAWN <u>R. Kane</u> DATE <u>27 Mar 63</u> CHECKED <u>Cullen</u> DATE <u>1 Apr 63</u> APPROVAL <u>Eden C Hall</u> DATE <u>4/1/63</u>		RESISTOR, FIXED, WIREWOUND SPECIFICATION CONTROL DRAWING	
NASA APPROVAL <u>Jack Barnard</u> MIT APPROVAL <u>W. H. Hoff</u> DATE <u>17 Apr 63</u>		CODE IDENT NO. <b>C</b>	NASA DRAWING NO. <b>1006788</b>
SCALE NONE		WT	SHEET 1 OF 1

INCHES  
0 1 2  
PHOTOGRAPHIC SCALE ONLY