

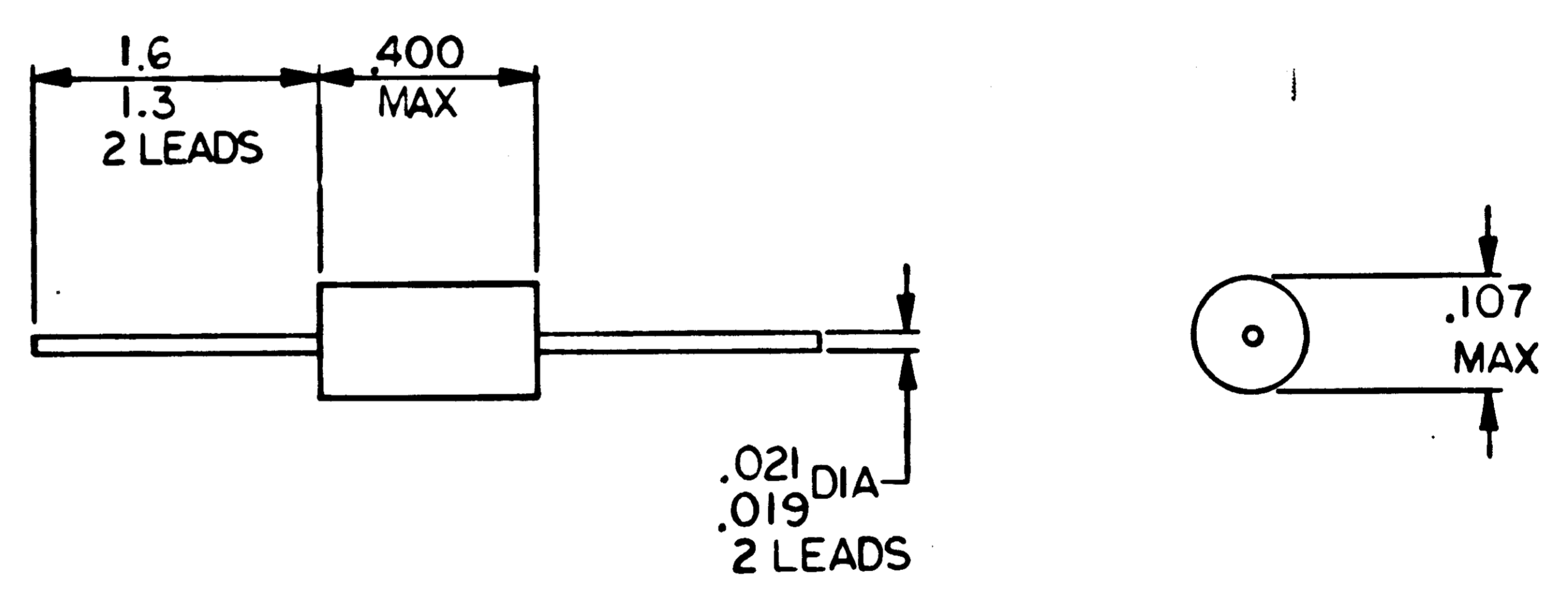
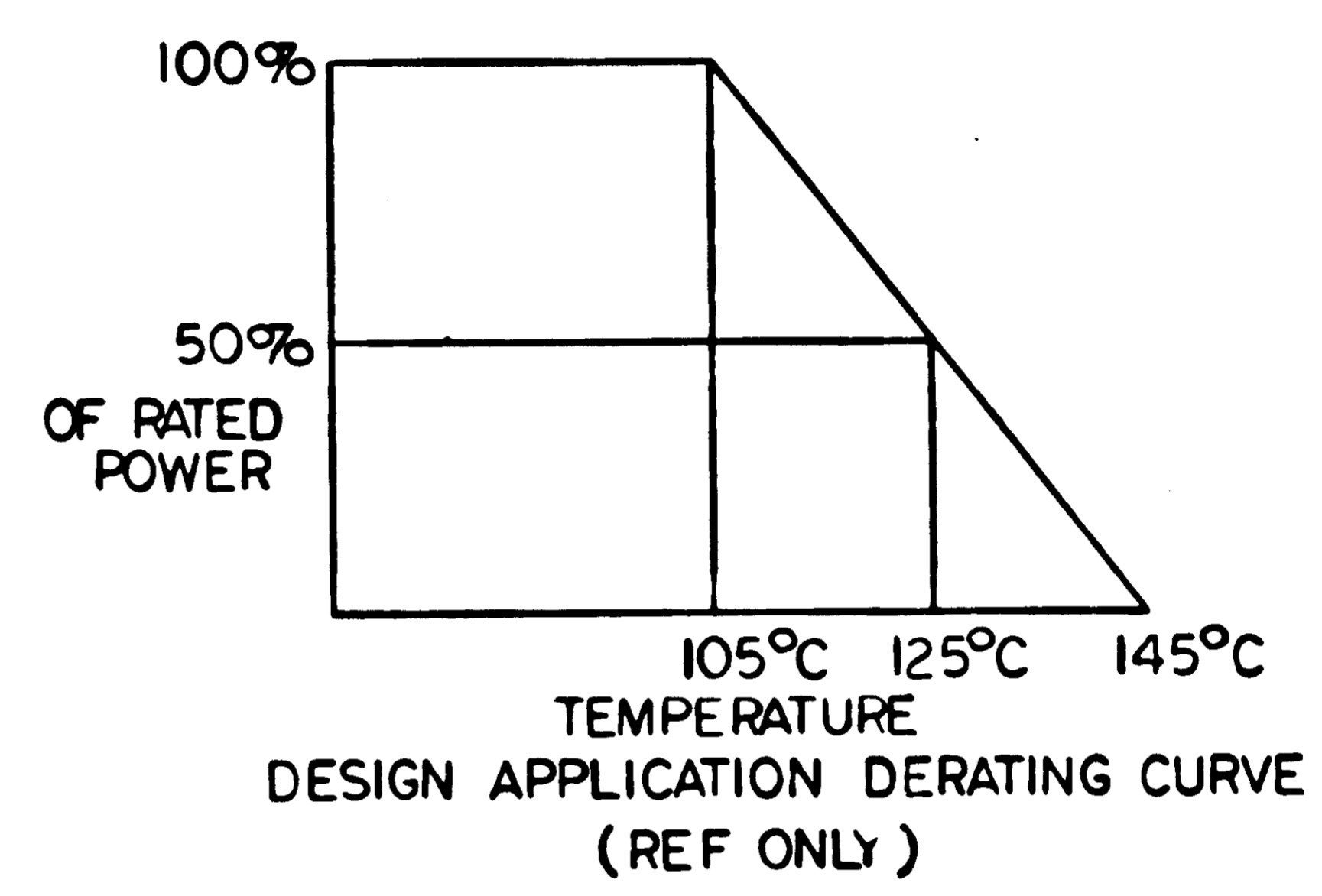
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REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
C	REPLACES REV B WITH CHANGES PER TDOR 01287	5/22/63	<i>[Signature]</i>

REQUIREMENTS:

1. GENERAL:
 - A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
 - B. UNITS SHALL MEET THE REQUIREMENTS OF MIL-R-93 WITH ANY ADDITIONS AND EXCEPTIONS AS NOTED HEREIN.
 - C. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS CONTAINED IN ND 1015404 CLASS 2.
 - D. MARKING: UNITS SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-130 WITH RESISTANCE VALUE, TOLERANCE, 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.
 - E. LEADS SHALL BE NICKEL IN ACCORDANCE WITH ND 1015400. A CERTIFICATE OF COMPLIANCE WITH THIS REQUIREMENT SHALL ACCOMPANY EACH SHIPMENT.
2. ACCEPTANCE AND INSPECTION:
 - A. MECHANICAL DIMENSIONS PER DRAWING.
 - B. ELECTRICAL:
 - (1) RESISTANCE SHALL BE AS SPECIFIED IN TABLE.
 - (2) RESISTANCE SHALL BE MEASURED 3/8 ± 1/64 INCH FROM THE RESISTOR BODY.
 - (3) RESISTANCE TOLERANCE: ±1%
3. DESIGN REQUIREMENTS:
 - A. POWER RATING: 1/4 WATT
 - B. OPERATING TEMPERATURE RANGE: -55°C TO 145°C
 - C. TEMPERATURE COEFFICIENT: ±20 PPM/°C
4. SPECIAL CONDITIONING BY SUPPLIER:
 - A. TEMPERATURE CYCLING
 - (1) ALL RESISTORS SHALL BE TEMPERATURE CYCLED IN ACCORDANCE WITH MIL-R-93 PARAGRAPH 4.6.4. ALL PARTS NOT MEETING PARAGRAPH 2.8.1, AND 3 AFTER TEST SHALL BE REJECTED.
 - B. BURN IN:
 - (1) ALL RESISTORS SHALL BE SUBJECTED TO A 50 HOUR FULL POWER BURN IN AT 125°C AMBIENT TEMPERATURE. UNITS EXHIBITING A VARIATION OF RESISTANCE IN EXCESS OF ±0.2% OR CHANGE OUTSIDE OF SPECIFIED TOLERANCE SHALL BE REJECTED. RESISTANCE SHALL BE MEASURED BEFORE AND AFTER TEST, AND DATA IDENTIFIABLE TO EACH RESISTOR SUPPLIED WITH EACH SHIPMENT.

DASH NO.	RESISTANCE IN OHMS
1	4.7
2	4.8
3	4.9
4	5.0
5	5.1
6	10
7	15
8	20
9	27
10	33
11	39
12	47
13	19.5
14	20.5



© REPLACES REV B WITH CHANGES

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ± ±
DO NOT SCALE THIS DRAWING
MATERIAL
SEE NOTES
HEAT TREATMENT
NONE
FINAL FINISH
NONE
NEXT ASSY USED ON
APPLICATION

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 <i>R. Kane</i> DATE <i>20 May 63</i>		RESISTOR, FIXED, WIREWOUND	
CHECKED <i>George P. [Signature]</i> DATE <i>20 May 63</i>		SPECIFICATION CONTROL DRAWING	
APPROVAL <i>[Signature]</i> DATE <i>22 May 63</i>		NASA DRAWING NO. 1006788	
APPROVAL <i>[Signature]</i> DATE <i>22 May 63</i>		CODE IDENT NO.	SIZE
			C
		SCALE NONE	WT
		SHEET 1 OF 1	

