

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 NOR 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 CONFIRMING 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.
- 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.

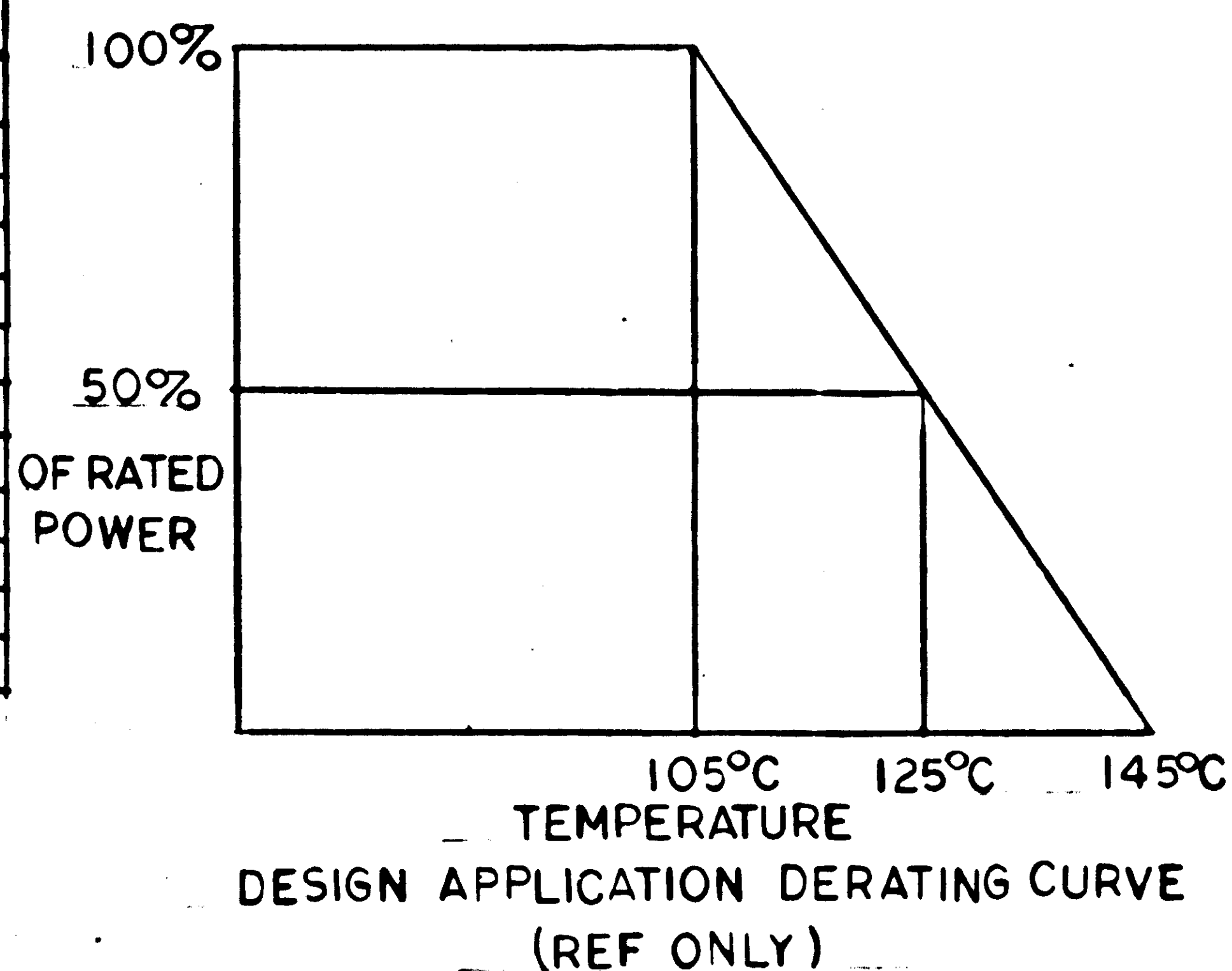
##### 2. ACCEPTANCE AND INSPECTION:

- MECHANICAL PROPERTIES:
  - LEADS SHALL BE DUMET PER ND PS 1015401.
- ELECTRICAL CHARACTERISTICS:
  - RESISTANCE SHALL BE AS SPECIFIED IN TABLE.
  - RESISTANCE TOLERANCE:  $\pm 1$  PERCENT.
  - POWER RATINGS:  $1/4$  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.

##### 3. SPECIAL CONDITIONING BY SUPPLIER:

UNITS SHALL BE BURNED IN AT 150% OF RATED POWER  $25^{\circ}\text{C}$  FOR 48 HOURS. RESISTANCE CHANGE FROM INITIAL VALUE SHALL NOT EXCEED .06%.

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



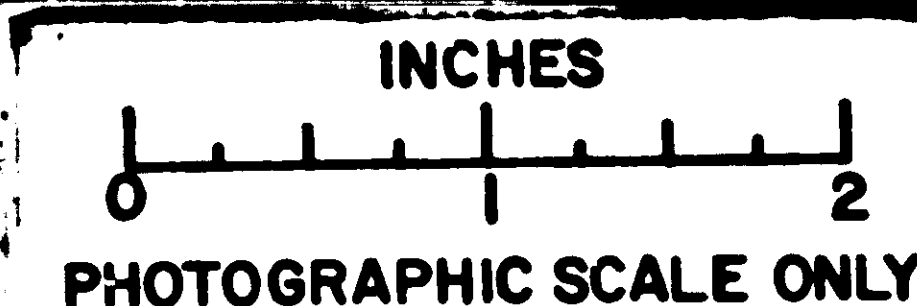
PROCURE ONLY FROM APPROVED SOURCES LISTED IN ND 1002034 FOR THIS DRAWING.

MASTER

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON  
FRACTIONS DECIMALS ANGLES  
 $\pm$   $\pm$   $\pm$   
DO NOT SCALE THIS DRAWING  
MATERIAL  
SEE NOTES  
HEAT TREATMENT  
NONE  
FINAL FINISH  
NONE

QTY REQ	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS			
MIT INSTRUMENTAL LAB CAMBRIDGE, MASS		MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DRAWN <i>R. Kane</i> DATE <i>27 Nov 63</i> CHECKED <i>William H. Maguire</i>		RESISTOR, FIXED, WIREWOUND	
APPROVAL <i>Ellen C. Hall 9/1/63</i>		SPECIFICATION CONTROL DRAWING	
NASA APPROVAL <i>Jack Barman</i>		CODE IDENT NO.	NASA DRAWING NO.
MIT APPROVAL <i>W. H. Hall 12/4/63</i>		SIZE C	1006788
		SCALE NONE	WT SHEET 1 OF 1



B 882788

REVISIONS B 00859 4-17-63

SYM	DESCRIPTION	DATE	APPROVAL
-			
A	UPGRADED TO CLASS "A" WITH CHANGES PER TDRR 01162	8/14/63	W.K.
B	REPLACED BY REV C WITH CHANGES PER TDRR 01287	5/22/63	D.B.

ⓑ REPLACED BY REV C WITH CHANGES