

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 CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

NOTES:

1. REQUIREMENTS:

A. UNITS SHALL MEET THE APPLICABLE REQUIREMENTS OF MIL-R-10509 AND MIL-R-10509/1, CHARACTERISTICS C AND E AS INDICATED WITH THE EXCEPTIONS AND ADDITIONS SPECIFIED HEREIN.

B: EXCEPTIONS:

- (1) QUALIFICATION TESTING IS NOT REQUIRED.
 - (2) LEAD MATERIAL SHALL BE IRON-NICKEL ALLOY, COPPER CLAD, GOLD PLATED PER NASA DOCUMENT PS 1015401. A CERTIFICATE OF COMPLIANCE WITH THIS REQUIREMENT SHALL ACCOMPANY EACH LOT SHIPPED.
 - (3) UNIT MARKING: UNITS SHALL BE MARKED IN ACCORDANCE WITH STANDARD MIL-STD-130 WITH THE MANUFACTURERS IDENTIFICATION, TYPE NUMBER, RESISTANCE VALUE, RESISTANCE TOLERANCE AND RESISTANCE TEMPERATURE CODE, T-2 FOR 50 PPM/°C AND T-9 FOR 25 PPM/°C.
- C. ADDITIONS:
- (1) UNITS SHALL BE CAPABLE OF MEETING THE ENVIRONMENTAL REQUIREMENTS OF NASA DOCUMENT ND 1002000.
 - (2) SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS OF NASA DOCUMENT PS 1015404, SECTION
 - (3) RESISTANCE TOLERANCE: PLUS OR MINUS 1.0 PERCENT.
 - (4) EACH LEAD SHALL BE CAPABLE OF WITHSTANDING THE FOLLOWING LEAD BEND TEST: THE COMPONENT BODY SHALL BE HELD IN A VERTICAL POSITION WITH A 2 POUND WEIGHT SUSPENDED FROM THE LEAD UNDER TEST. 2 CYCLES OF BENDS SHALL BE ACCOMPLISHED, A CYCLE CONSISTING OF MOVING THE BODY OF THE UNIT, WHILE IN THE SAME PLANE, THROUGH 90 DEGREES IN ONE DIRECTION, THEN 180 DEGREES IN THE OPPOSITE DIRECTION AND BACK 90 DEGREES TO THE ORIGINAL POSITION. NO MECHANICAL DAMAGE OR LACK OF PERFORMANCE SHALL BE EVIDENCED AFTER THE TEST.
 - (5) EACH LEAD SHALL BE CAPABLE OF WITHSTANDING AN AXIAL PULL OF 4 POUNDS MINIMUM.

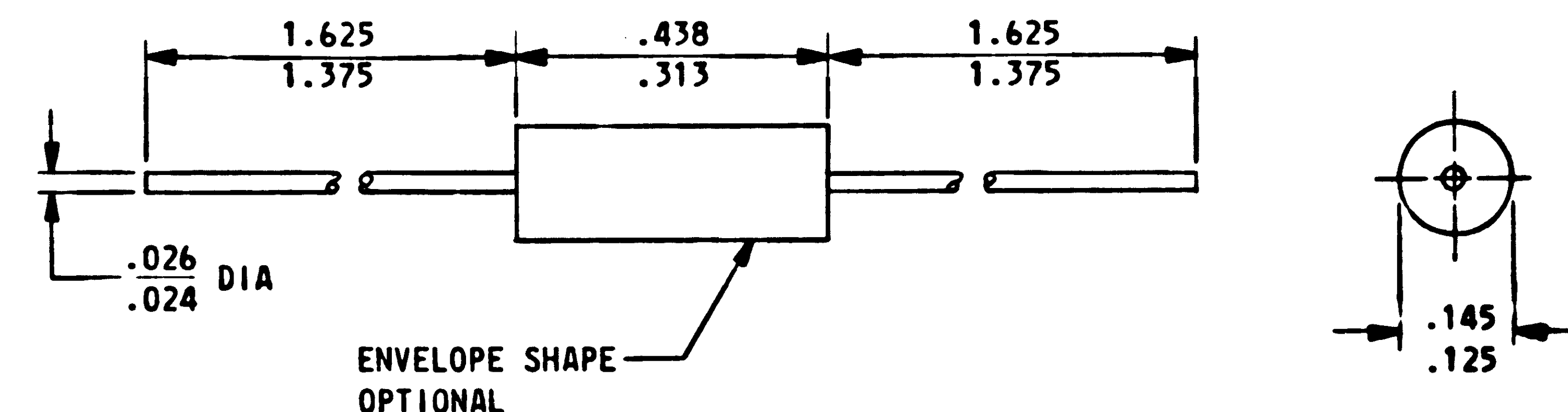
2. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

ORIGINAL SOURCE OF SUPPLY:

ELECTRA MANUFACTURING COMPANY
KANSAS CITY, MISSOURI
CODE IDENT NO. 19701
TYPE MF 1/8

A			
SHEET 1	SHEET 2	SHEET 3	SHEET 4
REVISION STATUS OF SHEETS			

		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		



FOR INFORMATION ONLY

CLASS B RELEASE TDR No. 00169 DATE 12-19-62

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>Ray Wheeler</u> DATE <u>26 Nov 62</u> CHECKED <u>St. Marnard</u> 11 DEC 62 APPROVAL <u>St. Cushman</u> 19 Dec 62 APPROVAL		RESISTOR, FIXED, FILM SPECIFICATION CONTROL DRAWING	
NASA APPROVAL <u>W. J. Rhine</u> 12-11-62 MIT APPROVAL <u>W. J. Rhine</u> 12-11-62		CODE IDENT NO. C	NASA DRAWING NO. 1010364
SCALE NONE		WT	SHEET 1 OF 3