REVISIONS DATE DESCRIPTION ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION. THE UNITED STAYES GOVERN-REPLACES REV D WITH REVISED PER TORR NOTES: REQUIREMENTS: A. THIS DEVICE SHALL MEET THE MATERIAL AND WORKMANSHIP REQUIREMENTS OF MIL-S-19500. B. LEAD MATERIAL SHALL BE IN ACCORDANCE WITH NASA DOCUMENT PS 1015402 EXCEPT LEAD FOR INFORMATION ONLY DIAMETERS SHALL BE AS FOLLOWS: (1) THE LEAD DIAMETER IN THE ZONE BETWEEN .050 AND .250 FROM THE BASE SEAT SHALL CLASS B RELEASE TDR No. 00085 BE .016 PLUS .003 MINUS .000; IN THE ZONE BETWEEN .250 AND 1.5 FROM THE BASE SEAT SHALL BE .021 MAX, AND IN ALL OTHER ZONES SHALL BE UNCONTROLLED. 11-8-62 O OUTPUT C. UNITS SHALL BE HERMETICALLY SEALED IN A METAL CASE. UNITS SHALL MEET THE TEST REQUIREMENTS AS SPECIFIED IN ND 1002017. QUALITY ASSURANCE PROVISIONS SHALL BE IN ACCORDANCE WITH NASA DOCUMENT ND 1015404 SECTION I. F. PREPARATION FOR DELIVERY SHALL BE IN ACCORDANCE WITH MIL-S-19491. Q VZ(SEE NOTE 2D) EXPLANATORY NOTES FOR SCHEMATIC: **├** A. R. IS THE EMITTER DEGENERATION REQUIRED TO BALANCE THE D.C. COLLECTOR VOLTAGES OF T1 AND T2 AND TO GET THE REQUIRED DIFFERENTIAL GAIN. B. Vy IS ADJUSTABLE TO SET SENSING THRESHOLD. -6V & VY & - 4V C. AN EXTERNAL RESISTOR MIGHT BE ADDED AT THIS POINT TO MATCH SENSE (SEE NOTE 2B) (SEE NOTE 2A) AMPLIFIERS IF ANALYSIS SHOWS IT TO BE NECESSARY. D. VZ AND ITS ACCOMPANYING 100 Ω RESISTORS MAY NOT BE USED ON SOME SENSE AMPLIFIERS. WHEN THEY APE SPECIFIED TO BE USED THEY WILL BE CONNECTED AS SHOWN BY THE DOTTED LINES. 0.060 .210 DIA INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY SEE NOTE B1 VX2+1.5V 0 MIL-D-70327. .370 SEE NOTE 2C) 0 #3 1.50 MIN E REPLACES REV D WITH CHANGE **FIND** NOMENCLATURE OR PART OR DESCRIPTION IDENTIFYING NO. LIST OF MATERIALS MANNED SPACECRAFT CENTER UNLESS OTHERWISE SPECIFIED INSTRUMENTATION LAB
CAMBRIDGE, MASS. DIMENSIONS ARE IN INCHES HOUSTON, TEXAS FOR SOURCE JF SUPPLY TOLERANCES ON SEE QUALIFIED VENDOR LIST SEMICONDUCTOR DEVICE, DRAWN Rose Wheeler DATE 5 9 10 62 ND 1002034 CHECKED & Meyers 6 Nov'62
APPROVAL The eye 7 Nov'62 SENSE AMPLIFIER DO NOT SCALE THIS DRAWING APPROVAL Seda C Hall 7 Hor 62 MATERIAL SPECIFICATION CONTROL DRAWING NASA DRAWING NO. HEAT TREATMENT NASA APPROVAL / Kline 1006769 USED ON **NEXT ASSY** FINAL FINISH PHOTOGRAPHIC SCALE ONLY SHEET | OF | **APPLICATION** INCHES PHOTOGRAPHIC SCALE ONLY