MOTICE - WHEN GOVERNMENT DRAWINGS. SPECIFICATIONS. OR ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A RELATED GOVERNMENT PROCUREMENT OPERATION. THE UNITED STAT MENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION W AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FU IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OT NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN A LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION.	GENERAL REQUIREMENTS:	1. UNITS SHALL MEET QUALITY & WORKMAN 2. THE SPECIFIED LEA THE CASE SEAT. E OUTSIDE OF THESE	3. MAXIMUM DIAMETER TO BE WITHIN .007 THE MAXIMUM .270 USED, MEASUREMENT 4. INDEX TAB FOR VIS	5. MEASURED FROM MAX 6. LEAD MATERIAL: GO 7. PIN 4 ELECTRICAL 8. D C RESISTANCE BE	9. AVERAGE PROPAGATION 10. INTERPRET DRAWING 11. UNIT SHALL BE ELD 12. A WAIVE AS REQ	ON THIS DRAW & PHYSICAL D B UPON SPECIFI DIRECTIVE PRO LETTER D BY O & SPECIFICAT	C BIERBOARD T REFERENCE IS OTHER THAN	B PROCURE ONLY FROM APPR	ON ND 1002034 FOR THIS			4	
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IER DATA FINITELY GOVERN-ISOEVER: SHED. OR DATA IS MANNER CONVEY-ELL ANY

E GENERAL REQUIREMENTS OF MIL-S-19500 FOR MATERIALS,

DIAMETER APPLIES TO THE ZONE BETWEEN .050 AND .250 FROM TWEEN .250 AND THE END OF LEAD A MAXIMUM OF .021 IS HELD. ONES THE LEAD DIAMETER IS NOT CONTROLLED.

EADS AT A GAGING PLANE .054: .001 OF THEIR TRUE LOCATION RELATIVE TO MAX. WIDTH TAB AND TO DIAMETER MEASURED WITH A SUITABLE GAGE. WHEN GAGE IS NOT WILL BE MADE AT SEATING PLANE.

L ORIENTATION ONLY.

DIAMETER OF THE ACTUAL DEVICE.

PLATED IRON-NICKEL-COBOTT-ALLOY IN ACCORDANCE WITH ND1015402. 2 - 24 - 14**4 - 474** CONNECTED . TO CASE.

WEEN PIN 7 & 8 SHALL BE 530 OHMS MIN.

DELAY SHALL BE 35 NANOSECONDS MAX. AND SHALL BE MEASURED AS ILLUSTRATED ON SHEET 2. IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

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TRICALLY TESTED IN ACCORDANCE WITH TABLE I.

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IRED ALL INFORMATION PRESE TED NG EXCEPT LEAD MATERIAL SPEC. ENSIONS.

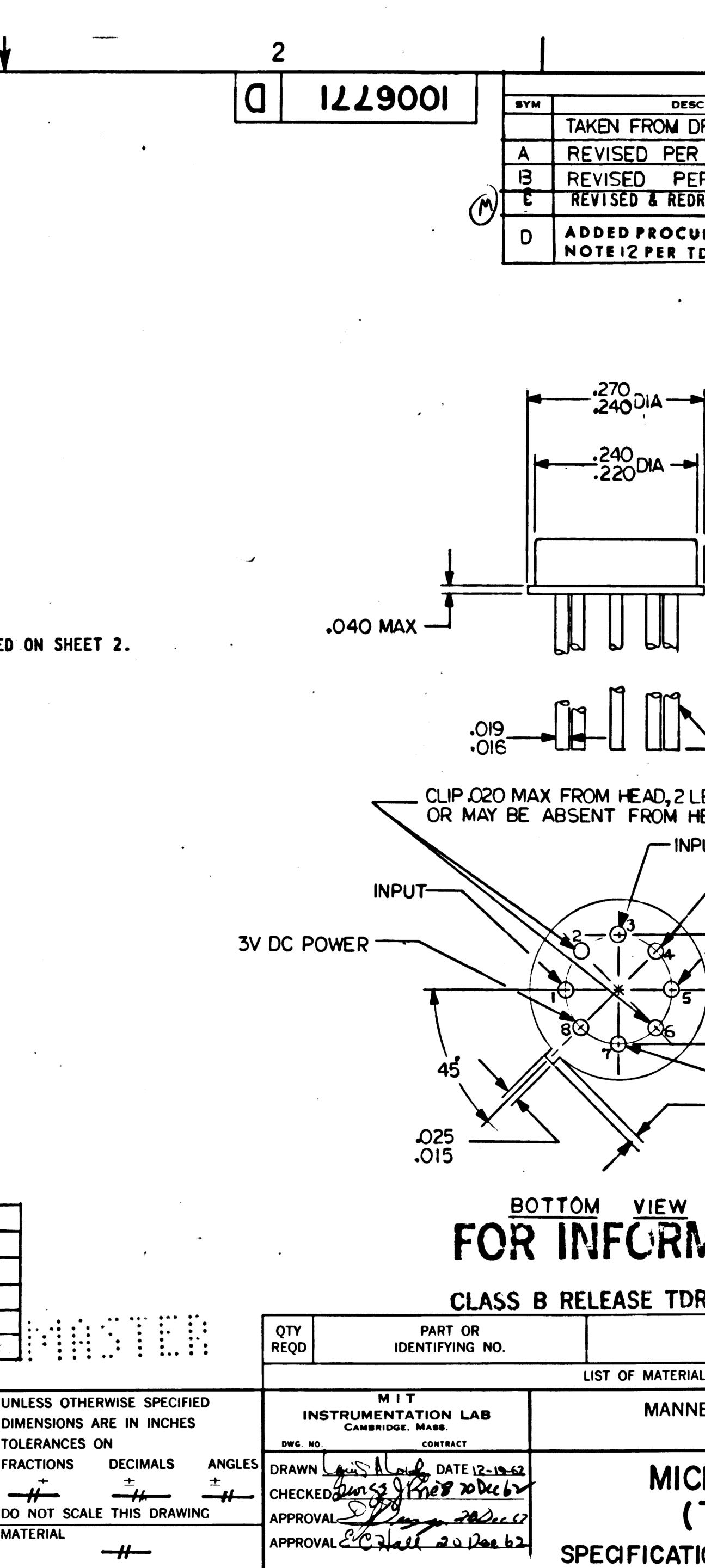
NSTRUCTION BY (TD) TECHNICAL JURE THIS PART AS CHANGE RING TO VENDOR CATALOG NO. NS. REFERENCE ND 1002034

IS NOTE IN ITS ENTIRETY IF ADE TO THIS DRAWING BY EVISION LETTER D .

VED SOURCES LISTED DRAWING.

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	كمرة بالنصين معتكريتها	REV 	REV D REV C SHEET .2 ATUS OF SHEETS USED ON

APPLICATION



NASA APPROVAL Rhm(12-20-62

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MIT APPROVAL

(up & Dr gela

-#---HEAT TREATMENT -#-FINAL FINISH

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REVISIONS		
SYMDESCRIPTIONDATEAPPROVALTAKEN FROM DRAWINGC-P8794-B7-19-62		
A REVISED PER TORR 00064 0-5-62		
B REVISED PER TORR 000 81 0.2362		
E REVISED & REDRAWN PER TORRR 00190 12-20-62 WK		
D ADDED PROCUREMENT Z-20 23 2024. NOTE 12 PER TORR 00445		
	· · ·	
.240		
080.		
CASE SEAT		
	•	
500MIN		
SEE NOTE 7		
DAX FROM HEAD, 2 LEADS (PINS 2 & 6) BE ABSENT FROM HEADER		
GND NOTE: PIN MAY BE .		
-INPUT WELED TO HEADER		
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$2 - \Theta$		
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BOTTOM VIEW		
R INFORMATION ONLY		
9/3		
S B RELEASE TOR No. DOOZ DATE 7/362		
NOMENCLATURE OR FIND DESCRIPTION NO.		
LIST OF MATERIALS		
MANNED SPACECRAFT CENTER		
HOUSTON, TEXAS		
MICRO NOR GATE	i internet in	
(TO 47 SIZE)		
SPECIFICATION CONTROL DWG.		
CODE IDENT NO. SIZE NASA DRAWING NO.		
^{[2}] C 006771		 A State of the second se
SCALE WT SHEET OF 2		
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											SDECIEIE)		
,		-				DESIGN PARAMETER		CONDITI	ONS A	TPINS		•		
						RAMETER	1	3	4	5	7	8 +3.0V	MIN	MAX .350 ma
			•	Ĭ	BASE CI	-	785±2MV	785±10MY	GND	785±10MV	ļ			.350 ma
			•		BASE CI	-	785±10MV							.350 ma
				Η	BASE C		785±10MV			785±2MV	N.			.350
			2 1 1			VOLTAGE PIN 7	785±2MV OPEN	OPEN 785±2MV		OPEN OPEN	Vo Vo			.350V
						VOLTAGE PIN 7 VOLTAGE PIN 7	OPEN	OPEN		785±2MV				.350V
	• • • • • •					CURRENT AT PIN 7	= 540±2MV	540±2MV		540±2MV	785MV		3.00 ma	
							120V±10MV	OPEN		OPEN	Vs			.300V
			· •		SATURA	TION VOLTAGE	OPEN	1.20V±10MV		OPEN	٧s		:	.300V
			:		SATURA	TION VOLTAGE	OPEN	OPEN		1.20V±10MV	Vs	+3. OV		.300V
						E CURRENT ICEO	OPEN	OPEN	GŇD	1	5.00	OPEN		100 MICRO AMPS
•					EMITTE	R BASE REVERSE T IEBO	GND	GND	5.OV	GND	OPEN	OPEN		1 ma
						TOR CUTOFF CURRENT	GND	GND	OPEN	GND	8.0V	OPEN		1 ma
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						MAXIM	TABLE II	AT 25°C				*		
						MAXIMUM VOLTAGE		+8.0	VOLT	S				
	· · · · · ·		•			MAXIMUM VOLTAGE	APPLIED TO	.±4.0	VOLT	s				
			ŧ			ANY INPUT PIN STORAGE TEMPERAT	URE	-65°(C TO .	+ 200°C		-		
			•			OPERATING TEMPER		О ТО						
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