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1006751

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL

TABLE I
INSPECTION REQUIREMENTS

TEST CONDITIONS: AT EXISTING LOCAL ATMOSPHERIC PRESSURE AND 25°C ± 3°C

PARAMETER	SYMBOL	CONDITIONS	LIMITS		UNIT	AQL (%) OR LTPD (%)
			MIN	MAX		
VISUAL AND DIMENSIONAL INSPECTION						0 SEE NOTE 1F
LEAD BEND		SEE NOTE G(1)				
LEAD PULL		SEE NOTE G(2)	4		LB	
INVERSE CURRENT	I _R	V _R = 15 VOLTS MIN		10	µA	
REVERSE BREAKDOWN VOLTAGE	V _R	I _R = 100 µA MAX	30		V	
FORWARD SURGE CURRENT	i _f	1 SEC MIN REPETATIVE DUTY CYCLE 1%		2	A	
FORWARD VOLTAGE DROP (PEAK)	v _f	I _F = 40 MA	.75	.85	V	
FORWARD VOLTAGE DROP (PEAK)	v _f	I _F = 400 MA		1.25	V	

FOR INFORMATION ONLY

CLASS B RELEASE TDR No. 00/65 DATE 12/12/62

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON
		FRACTIONS DECIMALS ANGLES
		— — —
		DO NOT SCALE THIS DRAWING
		MATERIAL
		HEAT TREATMENT
		FINAL FINISH
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 <u>Ray Wheeler</u> DATE <u>2/19/62</u>		SEMICONDUCTOR DEVICE, DIODE, SPECIFICATION CONTROL DRAWING	
CHECKED <u>F. Hayward</u> <u>27 Nov 62</u>			
APPROVAL _____		CODE IDENT NO.	SIZE
APPROVAL _____			C
NASA APPROVAL <u>W. J. Rhine</u> <u>12-12-62</u>		NASA DRAWING NO. 1006751	
MIT APPROVAL <u>W. J. Rhine</u> <u>12/12/62</u>		SCALE	WT
		SHEET 2 OF 2	

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