

APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	MMX-( )		X	EXPERIMENTAL RELEASE	8-2-67			C.V.	<i>[Signature]</i>
			Ø	ORIG. RELEASE FOR PRODUCTION	8-11-67	Ø		C.V.	<i>[Signature]</i>
			A	COMPLETELY REV.	4-15-68	18850		MS	<i>[Signature]</i>

	TEST CONDITIONS	SPECIFICATIONS
PACKAGE STYLE		I5
FORWARD VOLTAGE $V_{F1}$	10 mA	1.0 V
FORWARD VOLTAGE $V_{F2}$	$I_F = 1\text{mA}$	0.4 V
BREAKDOWN VOLTAGE $BV_R$	$I_R = 10\ \mu\text{A}$	10V
LEAKAGE CURRENT $I_R$	15V	100 $\mu\text{A}$
CAPACITANCE $C_0$	$V_R = 0\text{V}$ $f = 1\text{MHz}$	1.5 pF
MINORITY CARRIER LIFETIME	120 ps	

NOTE: MATCHED PAIR OF SWITCHING DIODES.  
 THESE DIODES ARE MATCHED DYNAMICALLY FROM 0-10 mA FORWARD CURRENT TO WITHIN 30 mV AT A FORWARD VOLTAGE OF .5 V

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005				LIST OF MATERIAL		
FRACTIONS 1/64 ANGLES 0°-30°		FINAL APPROVAL <i>[Signature]</i>		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
MATERIAL		MECH. DES.		DATE		
FINISH		ELECT. DES.		DATE		
S401-455 (84031)		CHECKED		DATE		
S401-178 (MS P051030)		DRAWN		DATE		
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		A		82679		A
		SCALE		DWG NO.		
				DD 138		
				SHEET		OF

*M/L W/L... 8/28/67*