

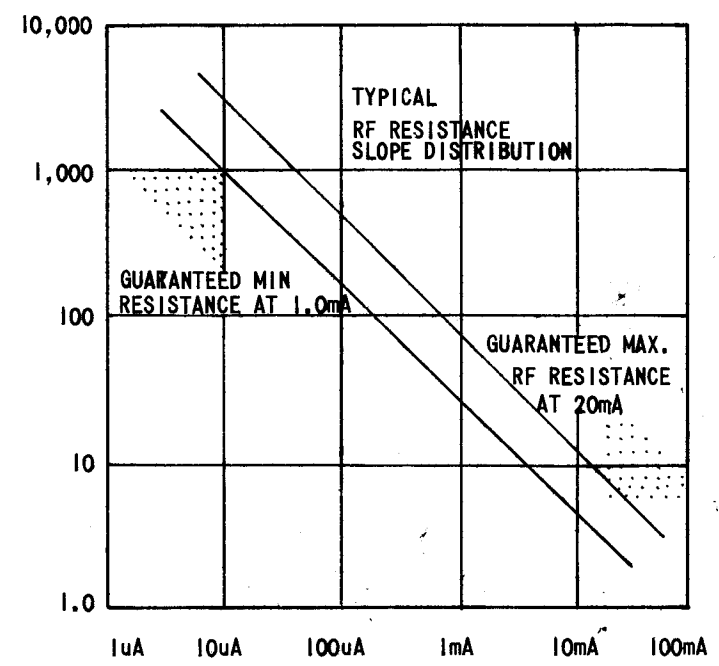
REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP RELEASE	4-28-71		RF	P.E.A.
	Ø	ORIG RELEASE FOR PROD	4/29/71		CV	P.E.A.

RF ELECTRICAL SPECIFICATIONS (T_A = 25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST CONDITIONS
HIGH RESISTANCE LIMIT	R _H	1000	2500		OHMS	DC BIAS = 0.01 mA AT 100 MHz
LOW RESISTANCE LIMIT	R _L		5	8	OHMS	DC BIAS = 20mA AT 100 MHz
RESIDUAL SERIES RESISTANCE	R _S		1.5	2.5	OHMS	DC BIAS = 100mA AT 100 MHz
SECOND ORDER DISTORTION	K ₂		-70		dB	TEST CIRCUIT AND TEST CONDITIONS IN ACCORDANCE WITH NCTA STANDARD #002 WITH 12 CHANNEL INPUT.
CROSS-MODULATION	C _m		-50		dB	

DC ELECTRICAL SPECIFICATIONS (T_A = 25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST CONDITIONS
BREAKDOWN VOLTAGE	V _{BR}	100			VOLTS	I _R = 10 uA
TOTAL REVERSE BIASED CAPACITANCE	C _{VR}		0.3	0.4	pF	V _R = 50 V, f = 1.0 MHz
EFFECTIVE MINORITY CARRIER LIFETIME			1.3		uS	I _F = 50 mA

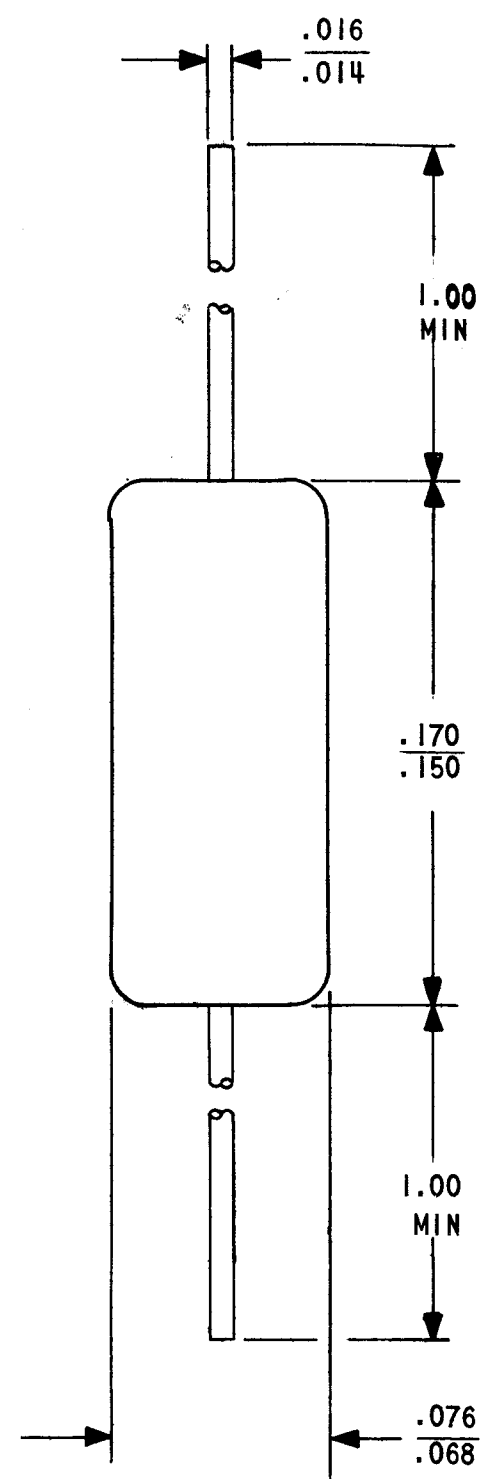


MAXIMUM RATINGS

OPERATING TEMPERATURE RANGE: -65 TO +150°C
 STORAGE TEMPERATURE RANGE: -65 TO +150°C
 DC POWER DISSIPATION (AT T_A = 25°C): 0.250 WATT
 MAX. PEAK INVERSE VOLTAGE: 110 V

NOTE

MARKING IS BY DIGITAL CODING WITH A CATHODE BAND.



REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
RESISTOR, LOW FREQUENCY CURRENT CONTROLLED				
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	RR136	Ø	
SCALE			SHEET 1 OF 1	

MMX(A)-2A/ KIT-368	A-4885	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		
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FINISH		

DECIMALS	FRACTIONS
.X ± .05	1/64
.XX ± .01	ANGLES
.XXX ± .005	0° - 30'

FINAL APPROVAL	DATE
MECH. DES.	DATE
ELECT. DES.	DATE
CHECKED	DATE
DRAWN	DATE
S401-455 (5082-3080)	