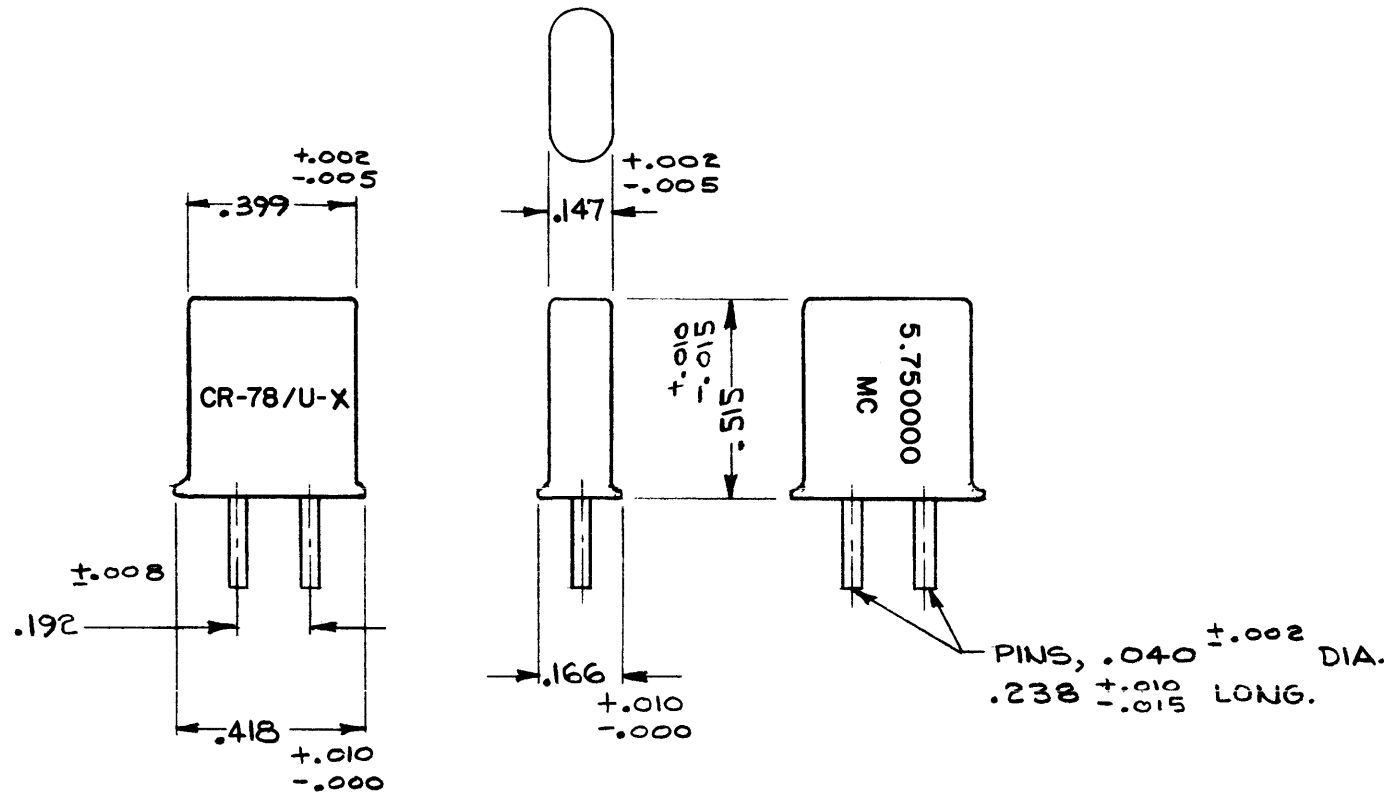


CR-78/U 0

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD
X	EXPER. RELEASE	3-24-64	1		
0	ORIGINAL RELEASE FOR PRODUCTION	4.2.64			



NOTES

- 1- UNITS SHALL BE MANUFACTURED IN ACCORDANCE WITH AND SHALL MEET THE REQUIREMENTS OF MIL-C-3098* AND AMENDMENTS.
- 2- HOLDERS SHALL CONFORM (CONSTRUCTION, FINISHES, ETC.) TO MIL-H-10056
- 3- MARKING INFORMATION:
ALL MARKING SHALL BE IN ACCORDANCE WITH MIL-C-3098*

* LATEST REVISION TO BE USED.

TMC PART NUMBER SHALL BE IN THE FOLLOWING FORM;

CR-78/U-5.750000 MC

BASIC MIL PART NUMBER

FREQUENCY DESIRED IN MEGACYCLES (MC) EXAMPLES (RESTRICT TO SEVEN DIGITS)	
9.000000	= 9 MC
10.00000	= 10 MC
33.75000	= 33.75 MC

SPECIFICATIONS

FREQUENCY RANGE: 3 TO 20 MC INCL
 OVERALL FREQUENCY TOLERANCE: $\pm 0.005\%$
 RESONANCE: PARALLEL
 MODE OF OSCILLATOR: FUNDAMENTAL
 OPERATING TEMPERATURE RANGE: $-55^{\circ} -3^{\circ}$ TO $+105^{\circ} -0^{\circ}$
 DRIVE LEVEL: 5.0 ± 0.1 MW
 MAXIMUM SHUNT CAPACITANCE: 7 μ f
 EFFECT RESONANCE RESISTANCE (EQUIVALENT RESISTANCE):

MC/SEC.	OHMS
3.0 TO 3.75	175
3.75 TO 4.75	120
4.75 TO 6.0	75
6.0 TO 7.5	50
7.5 TO 10.0	35
10.0 TO 20.0	25

HOLDER TYPE: HC-25/U

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
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LIST OF MATERIAL

MATERIAL	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
FINISH	TITLE CRYSTAL UNIT, QUARTZ			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	DRAWN	DATE	FINAL APPROVAL	DATE
	CHECKED	DATE		
DECIMALS .X \pm .05 .XX \pm .01 .XXX \pm .005	ELECT. DES.	DATE	CR-78/U	REV. LTR.
	MECH. DES.	DATE		
TOLERANCES		FRACTIONS		SHEET
		$\pm 1/64$ ANGLES $\pm 0^{\circ} 30'$		

NOTES

THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.