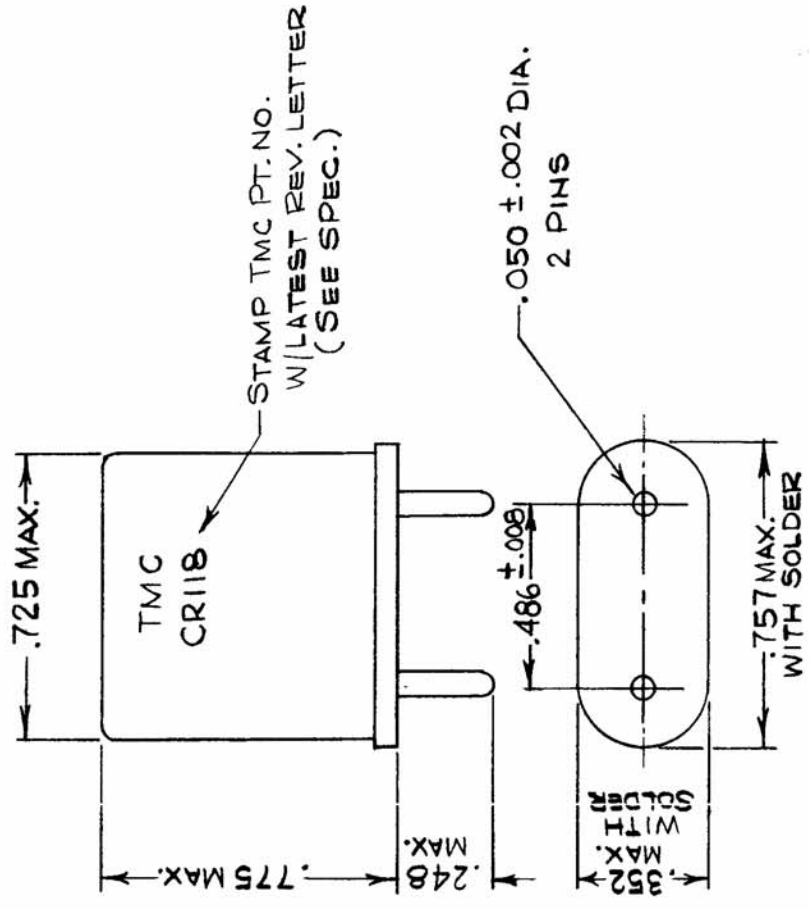


STAMP FREQ. ON TOP OF UNIT



CR118

REQ. PER UNIT	MODEL	USED ON
	VLZE-1	ASSY. NO. DATE
		G-15-65

SPECIFICATIONS

OPERATING CHARACTERISTICS:

OPERATING TEMP. RANGE: -10° TO $+50^{\circ}$ C.
 FREQUENCY: 700.000 KC TO 840.000 KC
 FREQ. DEVIATION OVER OPERATING TEMP. RANGE:
 SHALL NOT EXCEED $\pm .005\%$ OF NOMINAL.
 OPERATING CONDITION: PARALLEL RESONANCE.
 SERIES LOAD CAPACITY: 32 ± 0.5 PF.
 PIN TO PIN CAPACITY: 7 PF MAX.
 MAX. EFFECTIVE RESISTANCE OVER OPERATING
 TEMP. RANGE: 800 OHMS.
 DRIVE LEVEL: 10.0 ± 2.0 MW.

PERFORMANCE CHARACTERISTICS:

THE FOLLOWING TESTS SHALL BE CONDUCTED IN
 ACCORDANCE WITH THE LATEST VERSION
 OF MIL-C-3098:

1. IMMERSION
2. INSULATION RESISTANCE
3. LEAKAGE
4. MOISTURE RESISTANCE

MECHANICAL REQUIREMENTS:

HOLDER: HC-G/U
 MARKING: MARK WITH TMC PART NO. AND PER MIL-C-3098.
TEST REQUIREMENTS:
 UNITS SHALL BE MEASURED IN MILITARY TEST SET TS-710
 OR EQUIVALENT WITH 32 PF $\pm .5$ PF LOAD CAPACITY.

TMC PART NO. TO BE IN FOLLOWING FORM:

CR118 - 700.000 KC

BASIC P/N FREQ. IN KC TO CONSIST OF ALL DIGITS

REQ. ITEM	PART NO.	POSE	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
			CRYSTAL UNIT, QUARTZ	
			.7 TO .84 MC	
			H. AUSTIN	6/16/65
			DRAWN	6/16/65
			CHECKED	
			FINAL APPROVAL	
			ELEC. DES. APP.	CR118
			MECH. DES. APP.	

STAMPED PART NO. ON TOP OF UNIT

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
Ø	ORIGINAL RELEASE FOR PRODUCTION	6-16-65	114	JC		
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	SCALE				
	TOLERANCES	FRACTIONS				
	.X ± .05	± 1/64				
	.XX ± .01	ANGLES				
	.XXX ± .005	± 0° 30'				
	CODE					
	C					