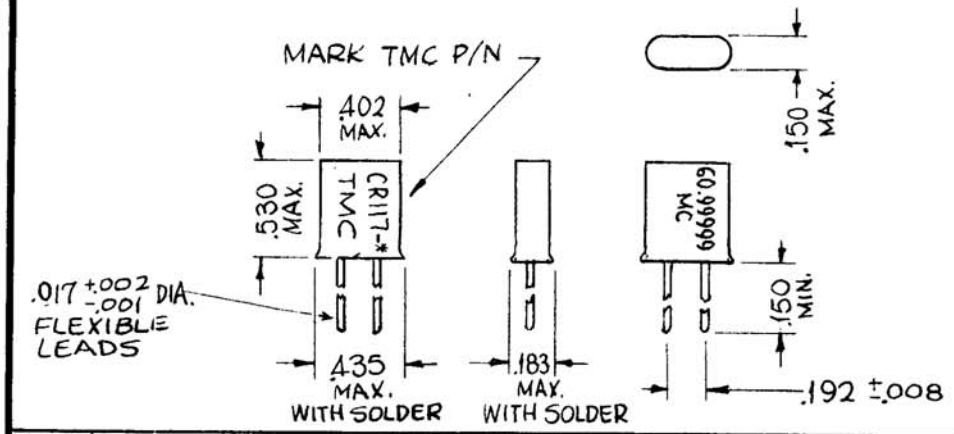
TMC P/N	FREQ.	SERIES RES. LOAD CAP. PF
CR117-1	9.000000 MC	20 ± .5 PF
CR117-2	9.900000 MC	20 ± .5PF

REQ. PER UNIT	USED ON MODEL	ASS'Y. NO.	DATE	CR117	Ø
	VLRB-1		10-20-64		



SPECIFICATIONS

FREQUENCY RANGE: 2.9MC TO 20 MC INCL.
OPERATING TEMP: 0° TO + 50°C
FREQ. DEVIATION OVER OPERATING TEMP. RANGE ±.003% OF NOMINAL.
RESONANCE: SERIES RESONANCE WITH SERIES LOAD CAPACITANCE. (SEE CHART)
PIN CAPACITANCE: 7 PF MAX.
DRIVE LEVEL: 5.0MW ±1.0
EQUIVALENT RESISTANCE:

2.9 TO 3.75	MC	175Ω MAX.
4 TO 4.75	MC	120Ω MAX.
4.75+ TO 6	MC	75 Ω MAX.
6+ TO 7	MC	50 Ω MAX.
7+ TO 10	MC	30 Ω MAX.
10+ TO 20	MC	25 Ω MAX.

HOLDER: HC-18
MARKING: MARKING SHALL BE IN ACCORDANCE WITH MIL-C-3098 AND AMEND.
UNIT SHALL BE BUILT IN ACCORDANCE WITH MIL-C-3098/47 CR 69/U EXCEPT FOR OPERATING TEMP., FREQ. TOL. RESONANCE AND LOAD CAP.

STANDARD DRAWING

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
Ø	ORIGINAL RELEASE FOR PRODUCTION	10.27.64	Ø	JL		
X	EXP. RELEASE	10-20-64	X	SRG		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

SCALE —

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

CODE C — S401-129

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		—	THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		STOCK SIZE —	CRYSTAL, QUARTZ	
		MATERIAL —		
		TYPE & TEMPER —	HEAT TREAT. SPEC. —	
		FINISH & SPEC. NO. —		

DRAWN	CHECKED	FINAL APPROVAL
SRG @ 10-26-64		RJC
ELEC. DES. APP. SRG 10/21/64	MECH. DES. APP.	CR117 Ø

TMC FORM 108-A

CURRENCY NO. 140M