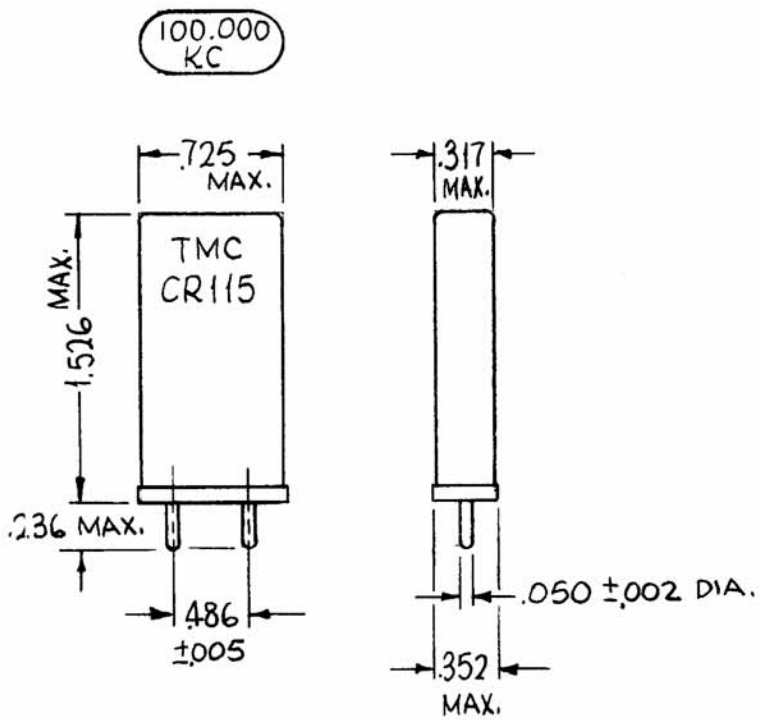
STANDARD DRAWING

REQ. PER UNIT	USED ON MODEL	ASS'Y. NO.	DATE	CR 115	Ø
			9-30-65		



1. OPERATING CHARACTERISTICS:
1.1 Operating temperature range: 0° to + 50°C.
1.2 Nominal frequency: 100.000KC ± .0025 o/o 25°C.
1.3 Frequency deviation from nominal over operating temperature range: Shall not exceed 8 cycles.
1.4 Operating conditions: Series resonance.
1.5 Pin - to - pin capacity: 14.0 PF nominal, pin - to - pin capacity shall not vary more than 5 o/o from unit to unit.
1.6 Maximum effective resistance over operating temperature range: 1500Ω
1.7 Drive level: 0.4 mw max.

2. PERFORMANCE CHARACTERISTICS:
2.1 The following tests shall be conducted in accordance with the latest version of MIL-C-3098.
2.1.1 Immersion
2.1.2 Insulation resistance.
2.1.3 Leakage.
2.1.4 Moisture resistance.

3. MECHANICAL REQUIREMENTS:
3.1 Holder: HC-13/U.
3.2 Markings: Per MIL C-3098.

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
Ø	ORIGINAL RELEASE	9/30/65	Ø			

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

SCALE 1:1

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

CODE C

S401-308

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL

STOCK SIZE —

MATERIAL —

TYPE & TEMPER — HEAT TREAT. SPEC. —

FINISH & SPEC. NO. —

THE TECHNICAL MATERIEL CORP.
MAMARONECK. NEW YORK

CRYSTAL UNIT, QUARTZ
100 KC

DRAWN	CHECKED	FINAL APPROVAL
J. MINARD	9/30/65	
ELEC. DES. APP. 10/1/65	MECH. DES. APP.	CR 115 Ø