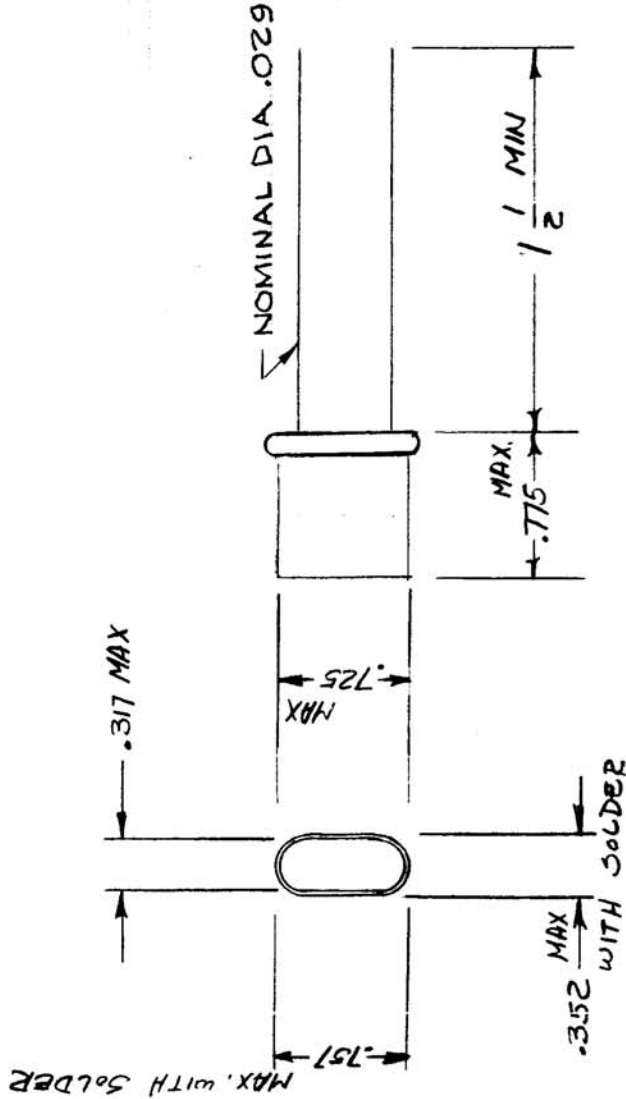


IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES



**SPECIFICATIONS**

MODE OF OPER: FUNDAMENTAL  
 RESONANCE: SERIES, 455.000 KC  $\pm 0.02\%$   
 OPER. TEMP. RANGE:  $-40^{\circ}$  TO  $+70^{\circ}$  C  
 RATED DRIVE LEVEL:  $2 \pm 0.4$  MIN  
 L1: 10.1 HYS (NOMINAL)  
 C1: 0.0122 PF (NOMINAL)  
 C0: 5.3 PF (7.0 PF MAX)  
 R5: 900  $\Omega$  MAX.  
 Q: 32,300  $\pm 5\%$

NOTE:  
 1- THERE SHALL BE NO SPURIOUS RESPONSES WITHIN  $\pm 7.0$  KC OF THE OPER. FREQ.  
 2- CASE TYPE HC-6/U WITH  $1\frac{1}{2}$ " MIN WIRE LEADS.

CR 102 C	
REQ. PER UNIT	USED ON
1	PROJECT NO. 297
1	MODEL GPR
	ASSY. NO.
	DATE 3-28-55
	FFRD-1,2,3 E-458-P
	4/16/56

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		CRYSTAL, 455 K.C.	
		STOCK SIZE	
		MATERIAL	
		WEIGHT PER PC.	
		TYPE & TEMPER	
		HEAT TREAT. SPEC.	
		FINISH & SPEC. NO.	
		DRAWN	
		ELEC. DES. APP.	
		MECH. DES. APP.	
		CHECKED	
		FINAL APPROVAL	

ISSUE ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS CHECKER	ENG. APP.
C 1	COMPLETELY REVISED	3-22-55	13707	Shaw	gob
B 1	UPDATED DWG	10/3/63	10076	gob	gob
A 1	ON FREQUENCY SPECIFIC OPER. TEMP. RANGE: $-55$ TO $+50^{\circ}$ C	7-3-61	5174	G.O.L.	RU
TOLERANCES					
SCALE 5/16" = 1" (200X)					
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					
ALL OTHERS	DEC. DIM. $\pm$	FRAC. DIM. $\pm$	ANGULAR DIM. $\pm$		