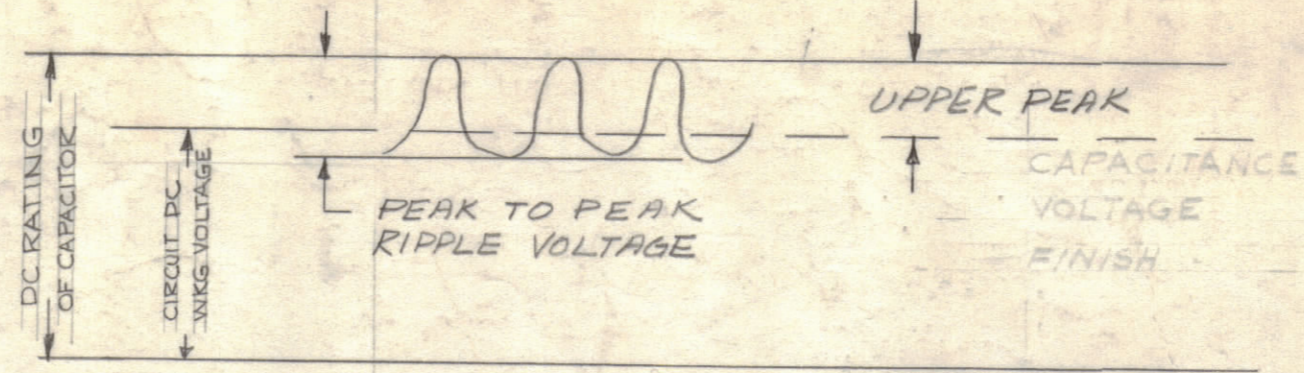
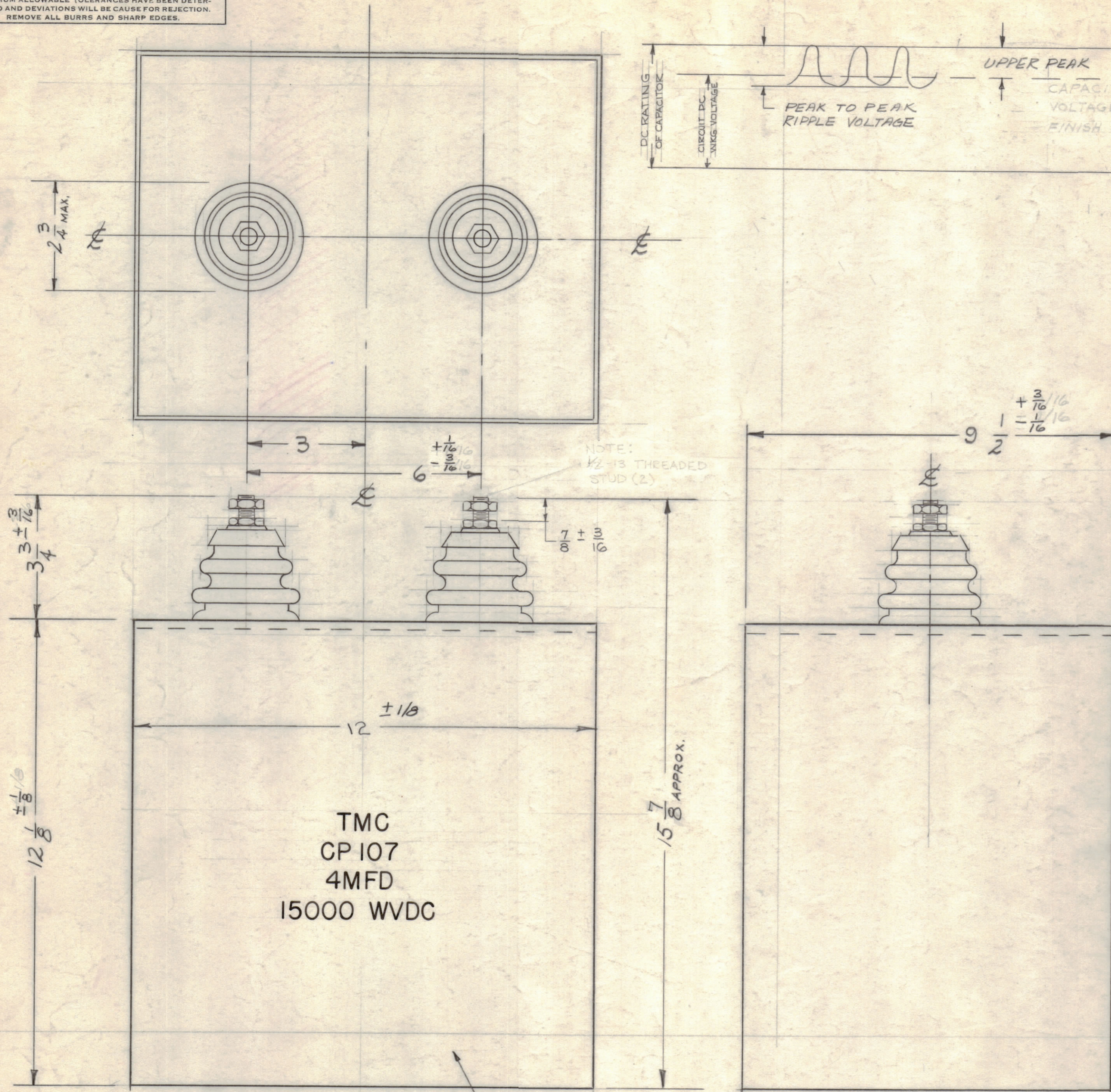


IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

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



CASE - METALLIC, UNINSULATED, HERMETICALLY SEALED
 MAXIMUM ALTITUDE - 7500 FEET AT RATED VOLTAGE
 TERMINALS - TWO PILLAR INSULATORS
 1/2-13 NC-2A THREAD
 SHALL BE SUPPLIED WITH ONE NUT, ONE FLAT WASHER, AND ONE LOCKWASHER PER TERMINAL.
 TERMINAL STRENGTH - 10 POUNDS PULL
 20 POUNDS TORQUE
 CAPACITANCE - 4.0 MFD. $\pm 10\%$
 WORKING VOLTAGE - 15,000 VDC
 ALLOWABLE PEAK TO PEAK RIPPLE VOLTAGE - (SEE CHART)
 3,000 V AT 60 CPS
 2,250 V AT 120 CPS
 300 V AT 10,000 CPS
 TEMPERATURE RANGE - $-10^{\circ}\text{C. TO } +60^{\circ}\text{C.}$
 VIBRATION - 10 TO 55 CPS
 DISSIPATION FACTOR - LESS THAN 1%
 INSULATION RESISTANCE -
 TERMINAL TO TERMINAL - 400 M Ω MFD. @ 25°C.
 TERMINALS TO CASE - 3000 M Ω MINIMUM
 DIELECTRIC WITHSTANDING VOLTAGE -
 TERMINAL TO TERMINAL - 30KV FOR 15 SEC.
 TERMINAL TO CASE - 31KV FOR 15 SEC.
 (TERMINALS TIED TOGETHER)
 MAXIMUM ALLOWABLE RMS CURRENT - 15 AMPS
 APPLICABLE SPECIFICATIONS -
 MIL-C-25 (CP-D1-U405K2)

CP-107 B

NOTICE TO PERSONS RECEIVING THIS DRAWING

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 THE TECHNICAL MATERIEL CORPORATION
 MAMARONECK, NEW YORK

B	1	UPDATED DWG	4/1/63	10215			
A	1	NOTE ADDED - (STUDS)	7/13/62	6919			
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE: 3/401-146 (TK-187) 3/401-112 (9572)					
ALL OTHERS	DEC. DIM. \pm FRAC. DIM. \pm ANGULAR DIM. \pm	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					

STAMP AS SHOWN
 APPROX - 1/2" HIGH BLACK.

2	GPT-40K	AP-103		2-16-60
REQ. PER UNIT	MODEL	PROJECT NO.	ASSY. NO.	DATE
USED ON				

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
STOCK SIZE			
CAPACITOR,			
MATERIAL WEIGHT PER PC. FIXED, PAPER DC			
TOBILLO			
TYPE & TEMPER		DRAWN	ELEC. DES. APP. MECH. DES. APP.
HEAT TREAT. SPEC.		CHECKED	FINAL APPROVAL
5115 TMC GREY		CP-107 B	
FINISH & SPEC. NO.			