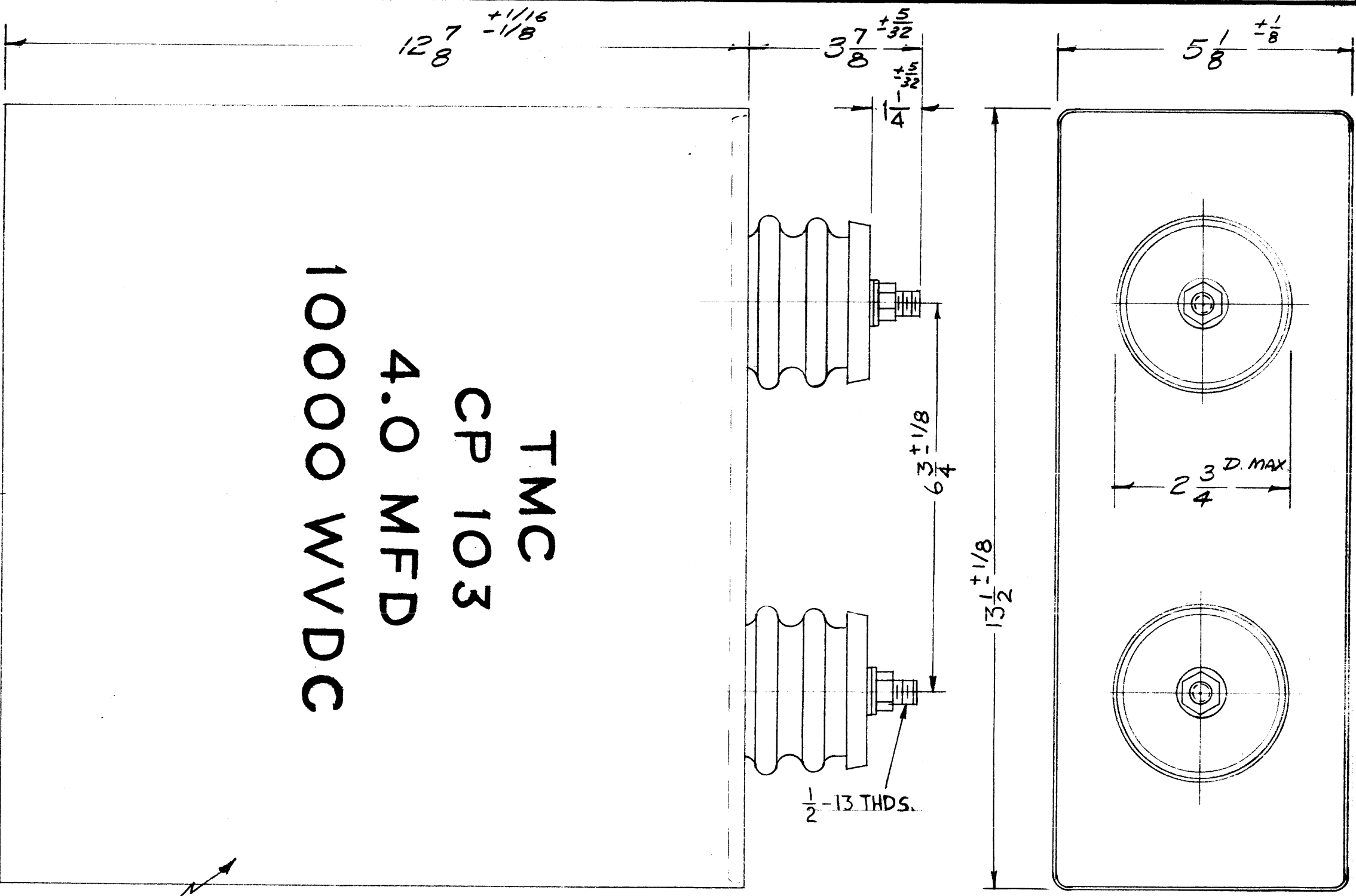


CP 103 C



TMC
CP 103
4.0 MFD
10000 WVDC

SPECIFICATIONS

CASE: Metallic, uninsulated, hermetically sealed.
 MAXIMUM ALTITUDE: 7,500 feet at rated voltage.
 TERMINALS: Two pillar insulators 1/2-13 NC2A thread shall be supplied with one nut, one flat washer, and one lock-washer per terminal.
 TERMINAL STRENGTH: 10 pounds pull (MIN.) 20 pounds torque (MIN.)
 CAPACITANCE: 4.0 microfarads ±10%
 WORKING VOLTAGE: 10,000 VDC
 ALLOWABLE PEAK TO PEAK RIPPLE VOLTAGE:
 2,500 V at 60 cps
 1,800 V at 120 cps
 200 V at 10,000 cps
 TEMPERATURE RANGE: -10°C to +60 C
 VIBRATION: 10 to 55 cps
 DISSIPATION FACTOR: Less than 1%
 INSULATION RESISTANCE:
 Terminal to Terminal-400MΩ mfd @25 C
 Terminals to Case-3,000MΩ Mininum
 DIELECTRIC WITHSTANDING VOLTAGE:
 Terminal to Terminal-20kv for 15 sec.
 Terminals to case-21kv for 15 sec.
 MAX. ALLOWABLE RMS CURRENT: 15 AMPS
 APPLICABLE SPECIFICATIONS:
 MIL-C-25(CP-D1-S405K2)

STAMP AS SHOWN APPROX. 1/2 HIGH - BLACK

ISSUE	ITEM	CHAN ED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
C		SPECS ADD. P/N HYPERNS DELE; FINISH NOTE ADD; CAP, VOLT, & FINISH NOTES DELE.	1-12-65	13236	92.	@	JPB
B	1	1/4 was 27/32 3 3/8 was 3 1/4	12-1-59	1601	SPM	HQ	JPB
A	1	1/2-13thds was 3/8-16thds	4/13/59	-	16	JPB	JPB
TOLERANCES		SCALE: 5-421-34 (71100-4)					
DEC. DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					
FRAC. DIM. ±							
ANGULAR DIM. ±							

1	GPT-10K			2-26-59
REQ. PER UNIT	MODEL	PROJECT N.	ASS'Y. NO.	DATE
USED ON				

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
STOCK SIZE			
CAPACITOR, FIXED, PAPER, METAL CASE			
MATERIAL			
		16 2/24/59	JPB
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
5115 TMC GREY		86	
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
			CP 103 C