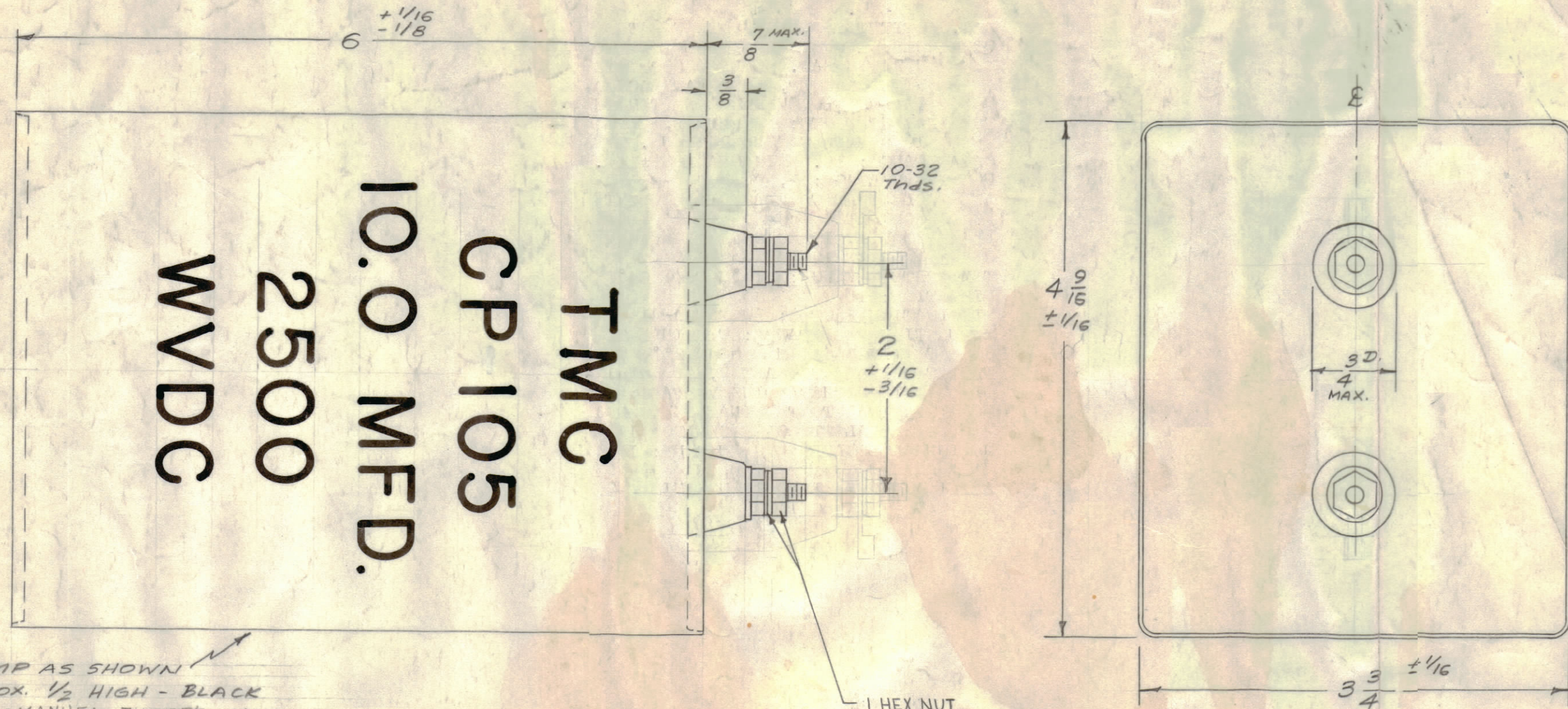


REVISIONS						
ZONE	SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
A		"S-115" ADDED TO FINISH NOTE	5-28-65	9150		
B		ALL SPEC'S, MFG'S NOTE, S401-49 ADDED S115 PLANT SPECS RELOCATED	6-28-65	14-357	DVV	QCB
C		DELE. ON TERMS. "SHALL BE SUPPLIED ETC." DELE. WIRE LUGS. ADDED HARDWARE NOTE ADDED "S401-146 & -81. ON STAMP NOTE ADDED "MFG S401 CODE SHALL APPEAR ETC."	8-9-66	16735	RME	QCB MM

SPECIFICATIONS:

CASE: METALLIC, UNINSULATED, HERMETICALLY SEALED.
 MAX. ALTITUDE: 7,500 FEET AT RATED VOLT.
 TERMINALS: TWO PILLAR INSULATORS 10-32 NF2A THREAD.

TERMINAL STRENGTH: 10 POUNDS, PULL MIN.
 10 POUNDS TORQUE MINIMUM.
 CAPACITANCE: 10.0 MICROFARADS ±10%.
 WORKING VOLTAGE: 2,500 VDC.
 ALLOWABLE PEAK TO PEAK RIPPLE VOLTAGE:
 500V AT 60 cps
 375V AT 120 cps
 50V 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-400 M Ω mfd @25°C
 TERMINAL TO CASE-3,000 MΩ MIN.
 DIELECTRIC WITHSTANDING VOLTAGE:
 TERMINAL TO TERMINAL-5KV FOR 15SEC
 TERMINALS TO CASE-6KV FOR 15 SEC.
 MAXIMUM ALLOWABLE RMS CURRENT: 15 AMPERES
 APPLICABLE SPECIFICATIONS: MIL-C-25 (CP-D1-K106K1)



TMC
CP 105
10.0 MFD.
2500
WVDC

STAMP AS SHOWN
 APPROX. 1/2 HIGH - BLACK
 NOTE: MANUFACTURER'S NAME OR PART NUMBER SHALL NOT APPEAR ON THE SIDES OR TOP OF THE CASE. MFG'S S401 CODE SHALL APPEAR ON CASE IN 1/8" BLACK GOTHIC.

NOTICE TO PERSONS RECEIVING THIS DRAWING

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Property of:
 THE TECHNICAL MATERIEL CORPORATION

1 HEX NUT
 1 LOCKWASHER &
 1 FLATWASHER (PER TERMINAL)
 SUPPLIED FOR ASSY. PURPOSES.

CP105
 C

FOR PURCHASING ONLY:
 S401-49 SPR46
 S401-34 (7125-0)
 S401-146
 S401-81

S401-49		
1	GPT-10K	
QTY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
MATERIAL			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH			TITLE	
S115 GREY ENAMEL			CAPACITOR, FIXED, PAPER, METAL CASE	
DRAWN		DATE	FINAL APPROVAL	
D.V.		6-28-65	QCB	
CHECKED		DATE		
QCB		6-28-65		
ELECT. DES.		DATE	REV. LTR.	
			C	
MECH. DES.		DATE	SHEET	
			1	

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DECIMALS
 .X ± .05
 .XX ± .01
 .XXX ± .005

FRACTIONS
 ± 1/64
 ANGLES
 ± 0° 30'

TOLERANCES

NOTES