

CAPACITOR SPECIFICATION

PART NUMBER: 33715

<u>PARAMETER</u>	<u>VALUE</u>	<u>UNITS</u>	<u>Q.A.</u>	<u>METHOD</u>
CAPACITANCE:	200	μF	100%	120 Hz, R.T.*
TOLERANCE:	±10	%		
RATED VOLTAGE:	10.0	kV		
TEST VOLTAGE:	11.0	kV	100%	60 sec HIPOT
RATED ENERGY:	10	kJ		
RATED VOLTAGE REVERSAL:	10	%		
MAX. VOLTAGE REVERSAL:	80	%		
MAX. PEAK CURRENT:	100	kA		
MAX. CONTINUOUS REP RATE:	4	ppm		
MAX. RMS CURRENT	75	A		
MAX. OPERATING TEMP.	40	°C		
MIN. OPERATING TEMP.	-10	°C		
DESIGN LIFE AT RATED:	2.0E+05	charge / discharge cycles		
DC LIFE:	500	hours		
RELIABILITY AT LIFE:	90	%		
MAX. DISSIPATION FACTOR	0.50	%	100%	120 Hz, R.T.*
APPROX. INDUCTANCE	35	nH	SAMPLE	STANDING WAVE
MIN. INSULATION RESISTANCE	1000	Mohm-uF	SAMPLE	DECAY Vr / R.T.* / 120s / 120s
CASE STYLE:	WELDED COLD ROLLED STEEL			
BUSHING:	20 kV LOW PROFILE			
ELECTRODE STUD:	1/2-13 UNC STUD			
DIMENSIONS:	7.25 x 14.0 x 24.13	inches		
	184 x 356 x 613	mm		
WEIGHT:	145	lbs		
	66	kg		

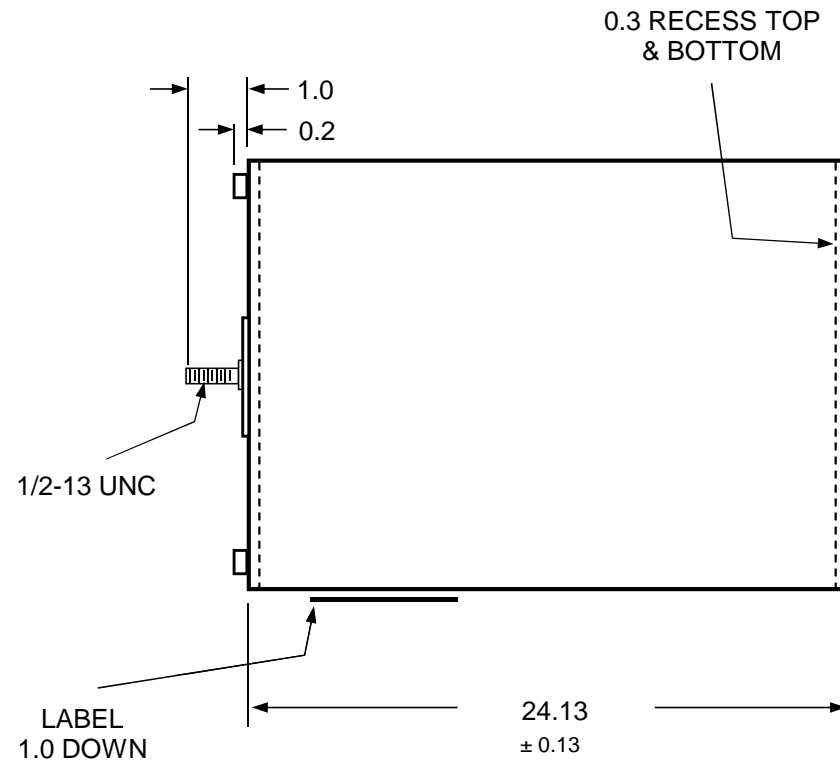
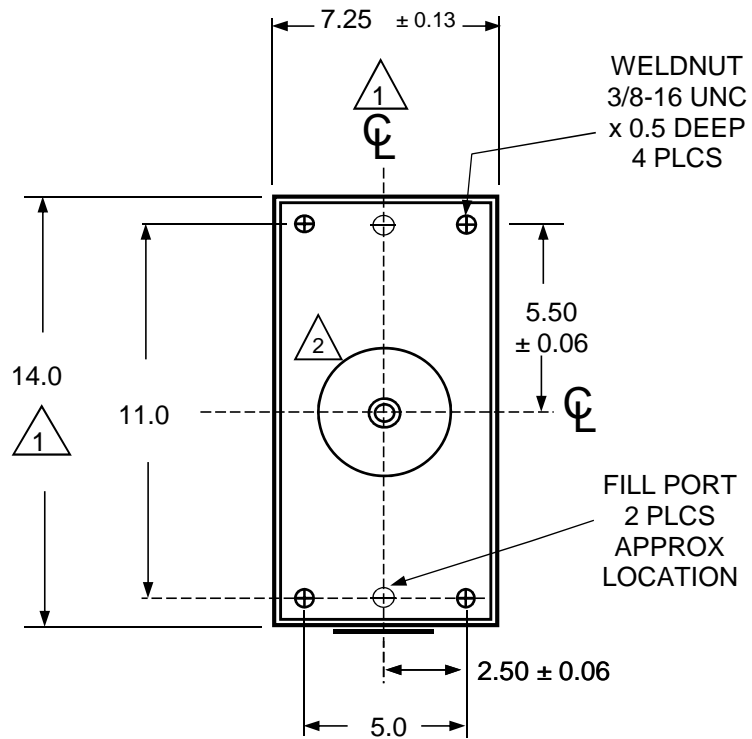
NOTES:

NOTE 1: LEAK TEST: 100 % test and inspection


NOTE 2: CASTOR OIL IMPREGNANT (non-PCB)

* R.T. = Room temperature (23 ± 7 °C)

	SIZE	FSCM	DRAWING NUMBER	REV
	A	58307	33715	J
			SHEET 2	



- NOTES 1: DIMENSIONS HELD 2.0 UP FROM BASE & DOWN FROM COVER. 0.25 MAX BOW PER PANEL.
 2: STAMP BUSHING: "20 FT.- LBS. MAX"

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	TREATMENT		APPROVALS DATE				TITLE CAPACITOR PART No. 33715 200 µF ±10%, 10 kV
	FINISH		DRAWN		SIZE FSCM DRAWING NUMBER REV LTR A 58307 33715 J		
	SIMILAR TO SPECIAL MARKING SYS		CHECKED			SCALE - NONE DATE: 1/6/1990 SHEET 9 of 9	
	ENGR MARK C		DESIGN ACTIVITY				
GOVERNMENT ACTIVITY		GOVERNMENT ACTIVITY					