

CAPACITOR SPECIFICATION

PART NUMBER: **31162**

<u>PARAMETER</u>	<u>VALUE</u>	<u>UNITS</u>	<u>Q.A.</u>	<u>METHOD</u>
CAPACITANCE:	0.060	uF	100%	120 Hz, R.T.*
TOLERANCE:	±10	%		
RATED VOLTAGE:	75.0	kV		
TEST VOLTAGE:	80.0	kV	100%	60 sec HIPOT
RATED ENERGY:	169	Joules		
RATED VOLTAGE REVERSAL:	20	%		
MAX. VOLTAGE REVERSAL:	80	%		
MAX. PEAK CURRENT:	25	kA		
MAX. CONTINUOUS REP RATE:	1	pps		
MAX. RMS CURRENT	25	A		
MAX. OPERATING TEMP.	40	°C		
MIN. OPERATING TEMP.	-10	°C		
DESIGN LIFE AT RATED:	1.0E+05	charge / discharge cycles		
DC LIFE:	3.0E+04	hours		
RELIABILITY AT LIFE:	90	%		
MAX. DISSIPATION FACTOR	0.35	%	100%	120 Hz, R.T.*
APPROX. INDUCTANCE	20	nH	SAMPLE	STANDING WAVE
MIN. INSULATION RESISTANCE	1000	Mohm-uF	SAMPLE	DECAY Vr / R.T.* / 120s / 120s
CASE STYLE:	Single-Ended Plastic Case (Type "S")			
BUSHING:	RAILS			
ELECTRODE:	10-32 x .25 UNF			
DIMENSIONS:	2.30 x 5.90 x 10.8	inches		
	58 x 150 x 274	mm		
WEIGHT:	6.1	lbs		
	2.8	kg		

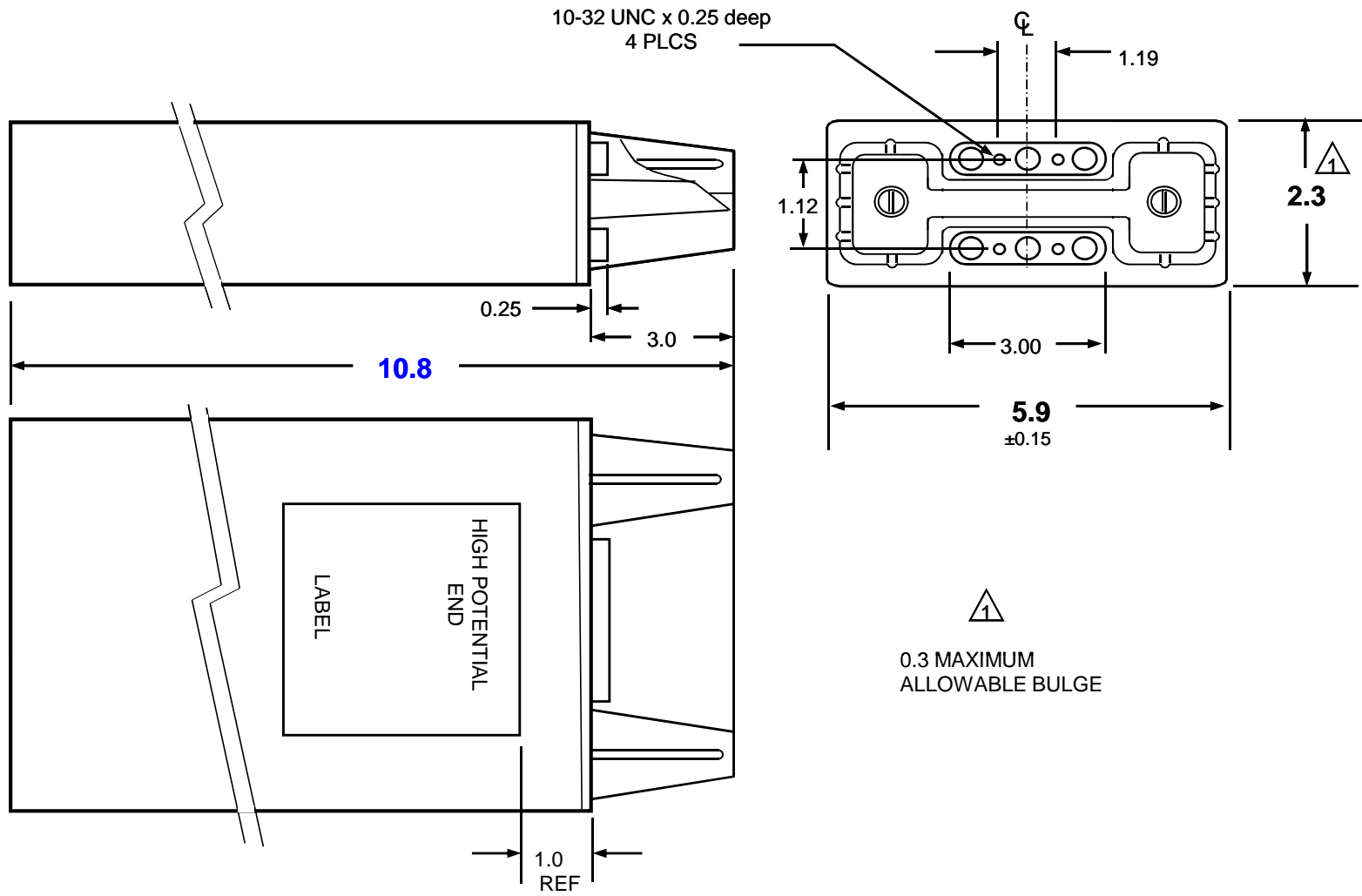
NOTES:


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	31162	K
	SHEET 2			



		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .X ± .1 ± 2° .XX ± .03 .XXX ± .010 DO NOT SCALE DRAWING	CONTRACT NO.		 4949 GREENCRAIG LANE SAN DIEGO, CA 92123			
			APPROVALS				DATE	
		TREATMENT	DRAWN		TITLE CAPACITOR PART No. 31162 0.06 uF ±10%, 75 kV			
		FINISH	CHECKED					
NEXT ASSY	USED ON	SIMILAR TO	ENGR MAR		SIZE	FSCM	DRAWING NUMBER	REV LTR
APPLICATION			SPECIAL MARKING SYS		DESIGN ACTIVITY	A	58307	31162
		GOVERNMENT ACTIVITY		SCALE - NONE		DATE:	8/1/87	SHEET 9 of 9