



CAPACITOR SPECIFICATION

MODEL NUMBER: 31826

<u>PARAMETER</u>	<u>VALUE</u>	<u>UNITS</u>	<u>Q.A.</u>	<u>METHOD</u>
CAPACITANCE:	0.13	uF	100%	120 Hz, R.T.*
TOLERANCE:	+15, -0	%		
RATED VOLTAGE:	40.0	kVdc		
TEST VOLTAGE:	45.0	kVdc	100%	60 sec HIPOT
RATED ENERGY:	104	J		
RATED VOLTAGE REVERSAL:	20	%		
MAX. VOLTAGE REVERSAL:	80	%		
MAX. PEAK CURRENT:	25	kA		
MAX. CONTINUOUS REP RATE:	100	ppm	NOTE 1	
MAX. RMS CURRENT	25	A		
MAX. OPERATING TEMP.	40	°C	NOTE 4	
MIN. OPERATING TEMP.	-10	°C		
DESIGN LIFE AT RATED:	1.0E+07	charge / discharge cycles		
DC LIFE:	1.0E+05	hours		
RELIABILITY AT LIFE:	90	%		
MAX. DISSIPATION FACTOR	0.30	%	100%	120 Hz, R.T.*
APPROX. INDUCTANCE	50	nH	SAMPLE	STANDING WAVE
MIN. INSULATION RESISTANCE	1000	Mohm-uF	SAMPLE	DECAY Vr / R.T.* / 120s / 120s
CASE STYLE:	DOUBLE ENDED PLASTIC			
BUSHING:	FEMALE ELECTRODE			
ELECTRODE:	.38-16 x .5 UNC	English		
DIMENSIONS:	4 x 6 x 13.5	inches		
	102 x 152 x 343	mm		
WEIGHT:	15.0	lbs		
	6.8	kg		

NOTES:

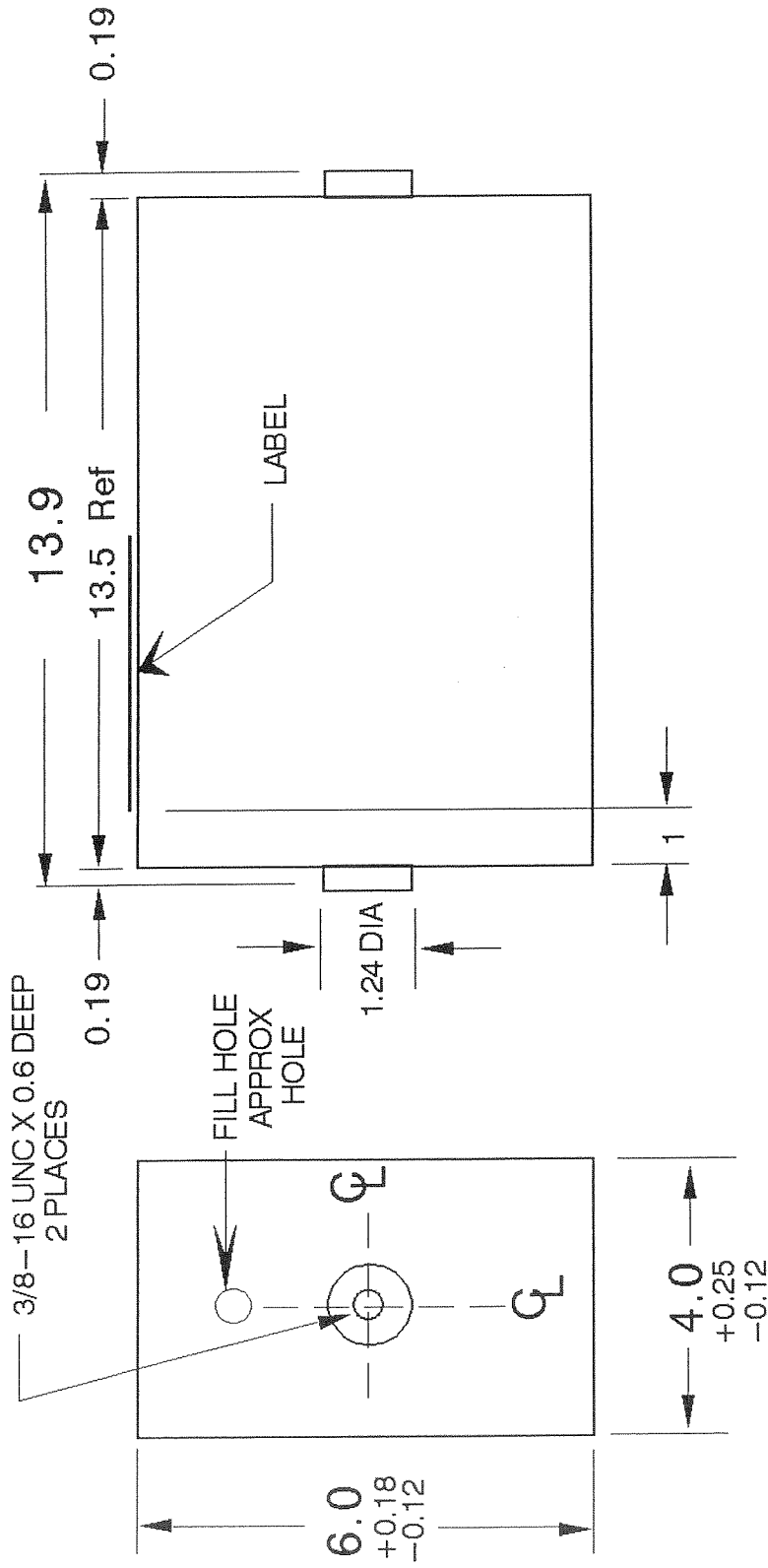
NOTE 1: CONSULT FACTORY FOR BURST MODE OPERATING LIMITS


NOTE 2: CASTOR OIL IMPREGNANT (non-PCB)

NOTE 3: LEAK TEST: 100 % test and inspection

* R.T. = room temperature

SIZE	FSCM	DRAWING NUMBER	REV LTR
A	58307	31826	L
		SHEET	2



 GENERAL ATOMICS Energy Products		4949 GREENCRAIG LANE SAN DIEGO CA. 92123	
TITLE		OUTLINE DRAWING	
CATALOG No.		31826	
0.13 uF +15% - 0%		40 kV	
SIZE	FSCM	DRAWING NUMBER	REV LTR
A	58307	31826	L
SCALE	NONE	DATE	18/18/95
APPLICATION		PAGE 9	
DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .X ± .1 .XX ± .03 .XXX ± .010		PROJECT MANAGER Robert A. Cooper	
PROJECT ENGINEER		APPROVED	
CHECKED BY		DRAWN BY	
NEXT ASSY		USED ON	
APPLICATION		Robert A. Cooper	