



CAPACITOR SPECIFICATION

PART NUMBER: 32349

<u>PARAMETER</u>	<u>VALUE</u>	<u>UNITS</u>	<u>Q.A.</u>	<u>METHOD</u>
CAPACITANCE:	206	uF	100%	120 Hz, R.T.*
TOLERANCE:	+10, -10	%		
RATED VOLTAGE:	22.0	kVdc		
TEST VOLTAGE:	24.0	kVdc	100%	60 sec HIPOT
RATED ENERGY:	50	kJ		
RATED VOLTAGE REVERSAL:	20	%		
MAX. VOLTAGE REVERSAL:	40	%		
MAX. PEAK CURRENT:	150	kA		
MAX. CONTINUOUS REP RATE:	0.5	ppm		
MAX. RMS CURRENT	75	A		
MAX. OPERATING TEMP.	40	°C		
MIN. OPERATING TEMP.	0	°C		
DESIGN LIFE AT RATED:	3.0E+03	charge / discharge cycles		
DC LIFE:	100	hours		
RELIABILITY AT LIFE:	90	%		
MAX. DISSIPATION FACTOR	0.60	%	100%	120 Hz, R.T.*
APPROX. INDUCTANCE	40	nH		SAMPLE STANDING WAVE
MIN. INSULATION RESISTANCE	1000	Mohm-uF		SAMPLE DECAY Vr / R.T.* / 120s / 120s
CASE STYLE:	FABRICATED WELDED STEEL CAN			
BUSHING:	60 kV LOW PROFILE			
ELECTRODE STUD:	3/4-16 UNF-2A x 1.0"			
DIMENSIONS:	12.0 x 16.0 x 27.6 wn **	inches		
	305 x 406 x 701 wn **	mm		
APPROXIMATE WEIGHT:	325	lbs		
	148	kg		

NOTES:

NOTE 1: LEAK TEST: 100 % test and inspection

NOTE 2: CO IMPREGNANT (non-PCB)

NOTE 3: CONSULT FACTORY FOR BURST MODE OPERATING LIMITS

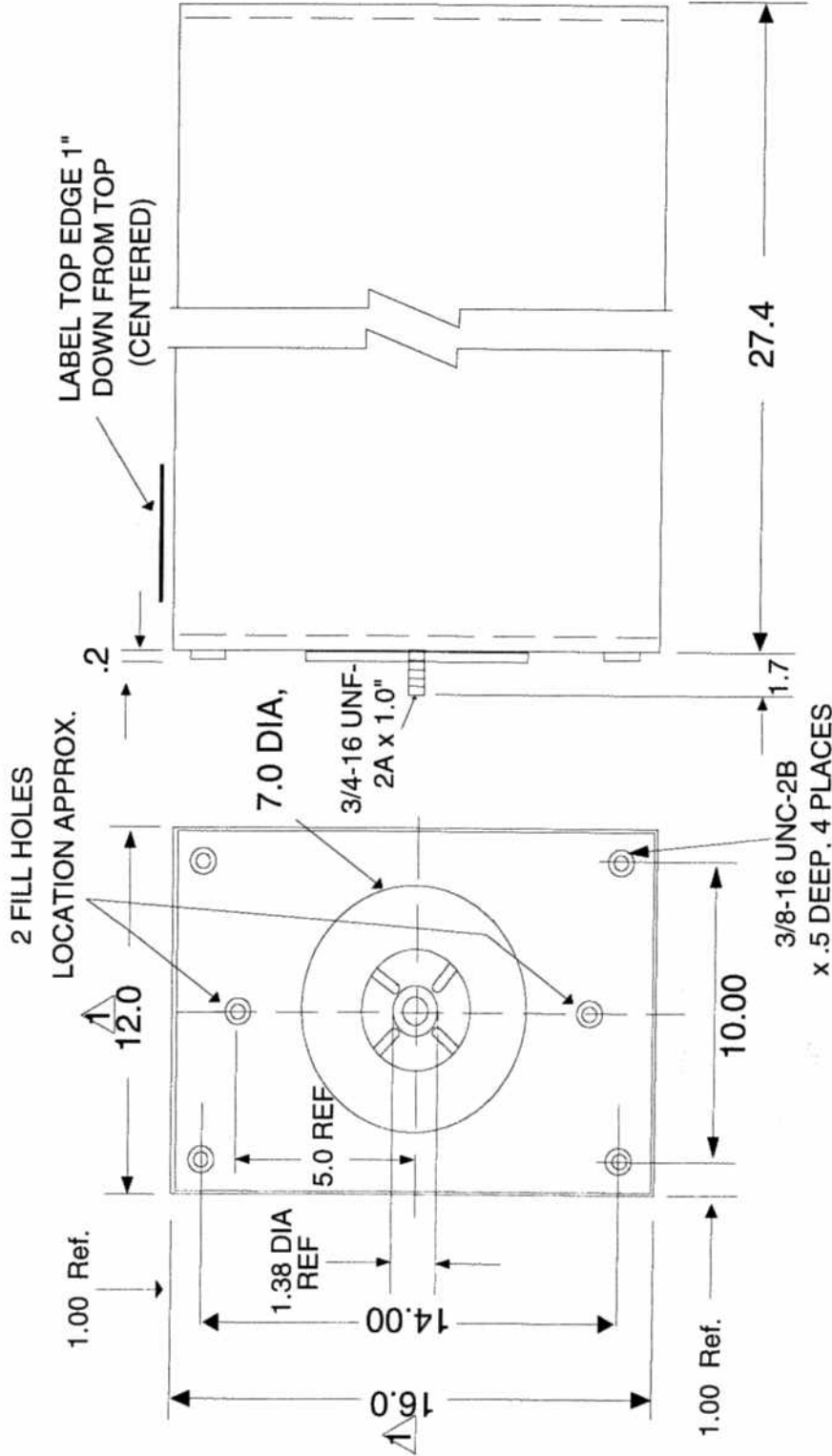
**wn = height to top of weldnut

*R.T. = room temperature

	SIZE	FSCM	DRAWING NUMBER	REV LTR
	A	58307	32349	U
			SHEET	2

NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS HELD 2" UP FROM BASE & DOWN FROM COVER .38" MAX BOW ALLOWABLE PER PANEL.



<p>GENERAL ATOMICS ELECTRONIC SYSTEMS INC Energy Products 4949 GREENCRAIG LANE SAN DIEGO CA. 92123</p>		<p>OUTLINE DRAWING</p>	
<p>PART No. 32349</p>		<p>206.0 uF ± 10 %, 22.0 kV</p>	
<p>SIZE A</p>	<p>FSCM 58307</p>	<p>DRAWING NUMBER 32349</p>	<p>REV LTR U</p>
<p>SCALE NONE</p>	<p>DATE</p>	<p>DATE</p>	<p>PAGE 9 OF 9</p>
<p>DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .X ± .1 .XX ± .03 .XXX ± .010</p>		<p>CONTRACT NUMBER</p>	
<p>PROJECT MANAGER</p>		<p>DATE</p>	
<p>PROJECT ENGINEER</p>		<p>PREPARED</p>	
<p>APPROVED</p>		<p>CHECKED</p>	
<p>CHECKED BY</p>		<p>ENGINEER</p>	
<p>DRAWN BY</p>		<p>DESIGN ACTIVITY APPROVAL</p>	
<p>NEXT ASSY</p>	<p>USED ON</p>	<p>GOVERNMENT ACTIVITY APPROVAL</p>	
<p>APPLICATION</p>			