

CAPACITOR SPECIFICATION

PART NUMBER: **32349**

<u>PARAMETER</u>	<u>VALUE</u>	<u>UNITS</u>	<u>Q.A.</u>	<u>METHOD</u>
CAPACITANCE:	206	μF	100%	120 Hz, R.T.*
TOLERANCE:	± 10	%		
RATED VOLTAGE:	22	kVdc		
TEST VOLTAGE:	24	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:	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 27.4	inches		
	305 x 406 x 696	mm		
APPROXIMATE WEIGHT:	329	lbs		
	149	kg		

NOTES:

NOTE 1: LEAK TEST: 100 % test and inspection

NOTE 2: CO IMPREGNANT (non-PCB)

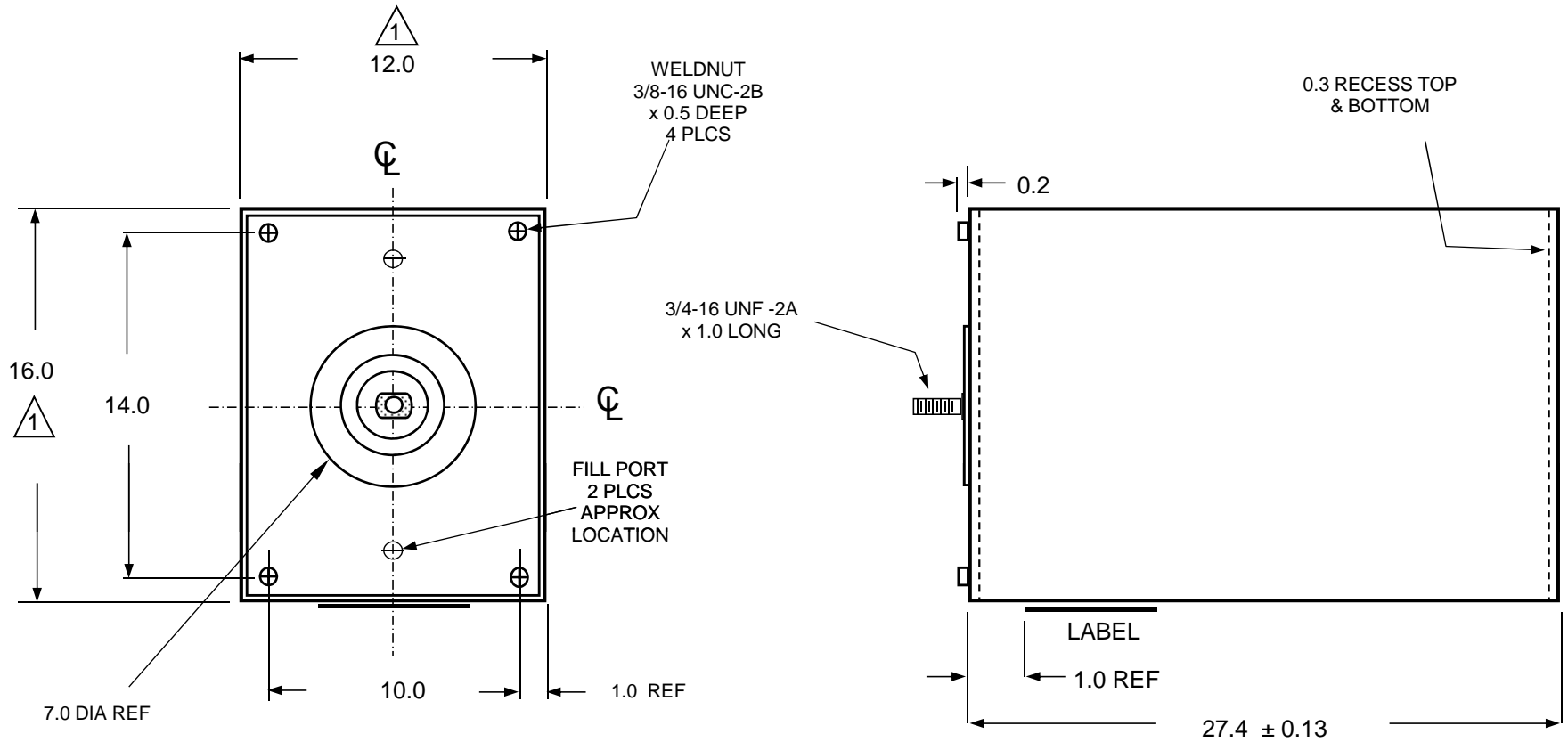
NOTE 3: CONSULT FACTORY FOR BURST MODE OPERATING LIMITS


* R.T. = Room temperature (23 ± 7 °C)

	SIZE	FSCM	DRAWING NUMBER	REV
	A	58307	32349	Y
	SHEET 2			

Notes: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS HELD 2.0 UP FROM BASE AND DOWN FROM COVER. 0.38" MAX BOW ALLOWABLE PER PANEL.



		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .X ± .1 ± 2° .XX ± .03 .XXX ± .010 DO NOT SCALE DRAWING	CONTRACT NO.		 GENERAL ATOMICS ELECTRONIC SYSTEMS 4949 GREENCRAIG LANE SAN DIEGO, CA 92123			
			APPROVALS					DATE
		TREATMENT	DRAWN MARK C		CAPACITOR PART No. 32349			
			CHECKED		206 µF ± 10%, 22 kV			
			ENGR John Gilbert		SIZE	FSCM	DRAWING NUMBER	REV LTR
NEXT ASSY	USED ON	FINISH	DESIGN ACTIVITY		A	58307	32349	Y
APPLICATION		SIMILAR TO	GOVERNMENT ACTIVITY		SCALE - NONE		DATE: 02/04/87	SHEET 9 of 9