

CAPACITOR SPECIFICATION

PART NUMBER: **32184**

<u>PARAMETER</u>	<u>VALUE</u>	<u>UNITS</u>	<u>Q.A.</u>	<u>METHOD</u>
CAPACITANCE:	6.0	μF	100%	120 Hz, R.T.*
TOLERANCE:	+10, -2.5	%		
RATED VOLTAGE:	60	kVdc		
TEST VOLTAGE:	66	kVdc	100%	60 sec HIPOT
RATED ENERGY:	10.8	kJ		
RATED VOLTAGE REVERSAL:	60	%		
MAX. VOLTAGE REVERSAL:	85	%		
MAX. PEAK CURRENT:	250	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:	1.0E+04	charge / discharge cycles		
DC LIFE:	1000	hours		
RELIABILITY AT LIFE:	90	%		
MAX. DISSIPATION FACTOR	0.50	%	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:	MODIFIED SCYLLAC			
ELECTRODE STUD:	1.00-14 UNS-2B			
DIMENSIONS:	11.0 x 14.0 x 27.0	inches		
	279 x 356 x 686	mm		
APPROXIMATE WEIGHT:	265	lbs		
	120	kg		

NOTES:

NOTE 1: LEAK TEST: 100 % test and inspection

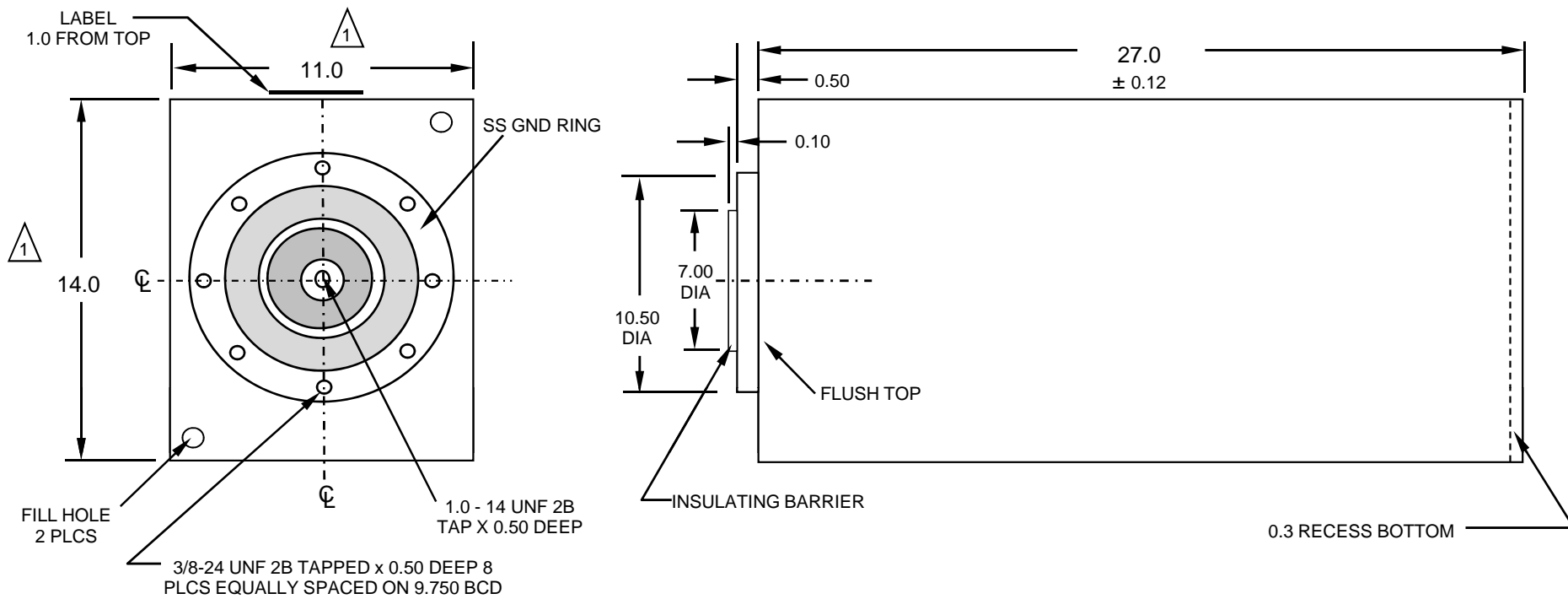
NOTE 2: CO IMPREGNANT (non-PCB)


* R.T. = Room temperature (23 ± 7 °C)

	SIZE	FSCM	DRAWING NUMBER	REV LTR
	A	58307	32184	N
			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					
		TREATMENT	DRAWN		CAPACITOR PART No. 32184			
		FINISH	CHECKED		6.0 µF +10, -2.5%, 60 kV			
NEXT ASSY	USED ON	FINISH	ENGR JEG		SIZE	FSCM	DRAWING NUMBER	REV LTR
APPLICATION		SIMILAR TO	DESIGN ACTIVITY		A	58307	32184	N
		SPECIAL MARKING SYS	GOVERNMENT ACTIVITY		SCALE - NONE		DATE: 2-27-81	SHEET 9 of 9