

CAPACITOR SPECIFICATION

PART NUMBER: **430PM950 or 430PM950M**

<u>PARAMETER</u>	<u>VALUE</u>	<u>UNITS</u>	<u>Q.A.</u>	<u>METHOD</u>
CAPACITANCE:	0.005	uF	100%	120 Hz, R.T.*
TOLERANCE:	+10, -10	%		
RATED VOLTAGE:	30.0	kV		
TEST VOLTAGE:	60.0	kV	100%	60 sec HIPOT
RATED ENERGY:	2.25	Joules		
RATED VOLTAGE REVERSAL:	20	%		
MAX. VOLTAGE REVERSAL:	60	%		
MAX. PEAK CURRENT:	20	kA		
MAX. RMS CURRENT	20	Amps		
MAX. OPERATING TEMP.	65	°C		
MIN. OPERATING TEMP.	-30	°C		
DESIGN LIFE AT RATED:	3.00E+10	charge / discharge cycles		
DC LIFE:	1.00E+05	hours		
RELIABILITY AT LIFE:	90	%		
MAX. DISSIPATION FACTOR	0.20	%	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:	DOUBLE ENDED PLASTIC			
BUSHING:	1" DIA FEMALE TERMINAL			
ELECTRODE:	2ea 10-32 UNF-2B x .28 Deep			
ELECTRODE (METRIC):	2ea METRIC: M5 x .8, 7mm Deep			
DIMENSIONS:	2.3 x 5.9 x 3.00	inches		
	58 x 150 x 76	mm		
WEIGHT:	2.0	lbs		
	0.9	kg		

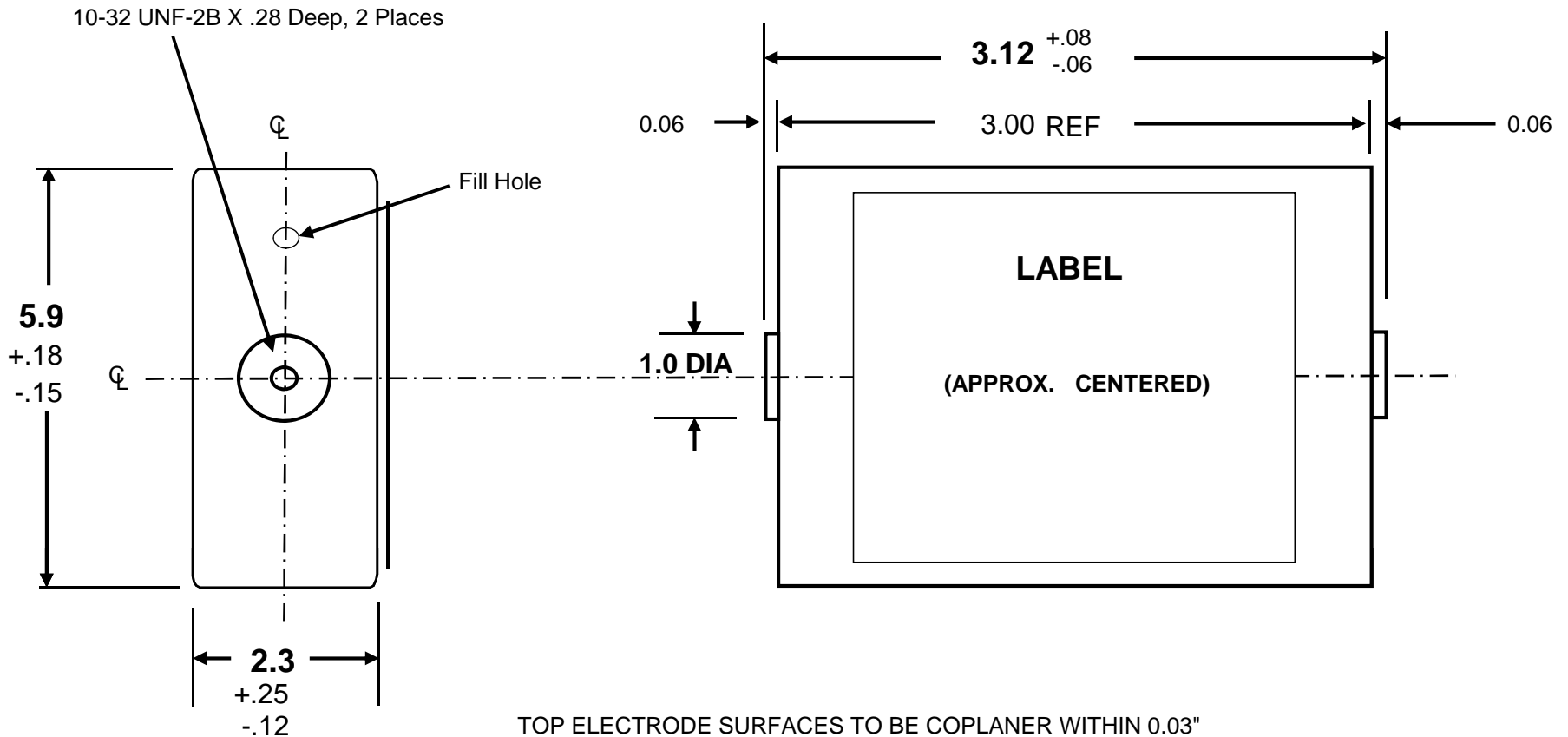
NOTES:


NOTE 1: LEAK TEST: 100 % test and inspection

NOTE 2: IPB or BTDP IMPREGNANT (non-PCB)

* R.T. = Room temperature (23 ± 7 °C)

	SIZE	FSCM	DRAWING NUMBER	REV
	A	58307	35865	C
	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.		 GENERAL ATOMICS ELECTRONIC SYSTEMS 4949 GREENCRAIG LANE SAN DIEGO, CA 92123	
			APPROVALS	DATE		
		TREATMENT	DRAWN			SIZE FSCM DRAWING NUMBER REV LTR A 58307 35865 C
NEXT ASSY	USED ON	FINISH	CHECKED	ENGR Robert Cooper		
APPLICATION		SIMILAR TO	SPECIAL MARKING SYS	DESIGN ACTIVITY		SCALE - NONE DATE: 08/17/10 SHEET 9 of 9
				GOVERNMENT ACTIVITY		