



GENERAL ATOMICS

Energy Products
GENERAL ATOMICS ELECTRONIC SYSTEMS

CAPACITORS AND POWER SUPPLIES

CAPACITOR SPECIFICATION

PART NUMBER: **32923**

PARAMETER	VALUE	UNITS	Q.A.	METHOD
CAPACITANCE:	2040	uF	100%	120 Hz, R.T.*
TOLERANCE:	+/- 5	%		
RATED VOLTAGE:	11.30	kV		
TEST VOLTAGE:	12.30	kV	100%	60 sec HIPOT
RATED ENERGY:	130	kJ		
RATED VOLTAGE REVERSAL:	10	%		
MAX. VOLTAGE REVERSAL:	70	%		
RATED PEAK CURRENT:	35	kA		
MAX. PEAK CURRENT (FAULT):	70	kA		
MAX. CONTINUOUS REP RATE:	0.25	ppm		
CHARGE TIME:	180	seconds		
MAX. OPERATING TEMP.	40	°C		
MIN. OPERATING TEMP.	10	°C		
DESIGN LIFE AT RATED:	1.0E+04	charge / discharge cycles		
DC LIFE:	56	hours		
RELIABILITY AT LIFE:	90	%		
MAX. DISSIPATION FACTOR	1.00	%	100%	120 Hz, R.T.*
APPROX. INDUCTANCE	550	nH	SAMPLE	STANDING WAVE
MIN. INSULATION RESISTANCE	1000	Mohm-uF	SAMPLE	DECAY Vr / R.T.* / 120s / 120s
Maximum ESR (per 4080 uF cap)	3.3	mohm	100%	1000 Hz, R.T. *
CASE STYLE:	Welded CRS Can			
BUSHING:	2 ea 25 kV Low Profile Bushings			
ELECTRODES:	1/2-13 UNC-2A			
CASE TERMINAL:	4 ea 3/8-16 UNC x 0.5" deep weldnuts			
DIMENSIONS:	13.50 x 16.00 x 36.00	inches		
	343 x 406 x 914	mm		
APPROXIMATE WEIGHT:	309.0	lbs		
	140.5	kg		

NOTES:

NOTE 1: LEAK TEST: 100 % test and inspection

NOTE 2: RSO IMPREGNANT (non-PCB)

*R.T. = room temperature

SIZE A	FSCM 58307	DRAWING NUMBER 32923	REV LTR E
		SHEET	2

