

CAPACITOR SPECIFICATION

PART NUMBER: **32943**

<u>PARAMETER</u>	<u>VALUE</u>	<u>UNITS</u>	<u>Q.A.</u>	<u>METHOD</u>
CAPACITANCE:	70	μF	100%	120 Hz, R.T.*
TOLERANCE:	± 10	%		
RATED VOLTAGE:	40	kV		
TEST VOLTAGE:	50	kV	100%	60 sec HIPOT
RATED ENERGY:	56	kJ		
RATED PEAK CURRENT:	16	kA		
MAX. PEAK CURRENT:	32 (FAULT)	kA		
MAX. RIPPLE FREQUENCY:	1.0E+03	Hz		
MAX. RMS CURRENT	25	Amps		
MAX. OPERATING TEMP.	70	°C		
MIN. OPERATING TEMP.	-20	°C		
DC DESIGN LIFE:	1.0E+05	hours		
RELIABILITY AT LIFE:	90	%		
MAX. DISSIPATION FACTOR:	2	%	100%	120 Hz, R.T.*
MAX INDUCTANCE:	1000	nH	SAMPLE	STANDING WAVE
MIN. INSULATION RESISTANCE:	1000	Mohm-μF	SAMPLE	DECAY Vr / R.T.* / 120s / 120s
CASE STYLE:	WELDED METAL CAN			
BUSHING:	2 ea 50 kV LOW PROFILE			
ELECTRODE STUD:	M12 x 1.75 - 6g			
CASE TERMINAL:	4 ea M10 x 1.5 - 6H x 12mm DEEP			
DIMENSIONS:	12.0 x 16.0 x 31.0	inches		
	305 x 406 x 787	mm		
APPROX. WEIGHT:	225.3	lbs		
	102.4	kg		

NOTES:

NOTE 1: LEAK TEST: 100 % test and inspection

NOTE 2: RSO IMPREGNANT (non-PCB)

* R.T. = Room temperature (23 ± 7 °C)

	SIZE	FSCM	DRAWING NUMBER	REV
	A	58307	32943	A
	SHEET 2			

