

CAPACITOR SPECIFICATION

PART NUMBER: **39752**

<u>PARAMETER</u>	<u>VALUE</u>	<u>UNITS</u>	<u>Q.A.</u>	<u>METHOD</u>
CAPACITANCE:	8.0	μF	100%	120 Hz, R.T.*
TOLERANCE:	±10	%		
RATED VOLTAGE:	1.5	kV		
TEST VOLTAGE:	1.7	kV	100%	60 sec HIPOT
RATED ENERGY:	9	Joules		
RATED VOLTAGE REVERSAL:	5	%		
MAX. VOLTAGE REVERSAL:	20	FAULT %		
RATED PEAK CURRENT:	1.4	kA		
MAX. PEAK CURRENT:	2	FAULT kA		
MAX. RMS CURRENT	5	A		
MAX. OPERATING TEMP.	50	°C		
MIN. OPERATING TEMP.	0	°C		
DESIGN LIFE:	1.0E+04	charge / discharge cycles		
DC LIFE:	1.0E+01	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-μF	SAMPLE	DECAY Vr / R.T.* / 120s / 120s
CASE STYLE:	WRAP AND FILL			
BUSHING:	EPOXY END FILL			
ELECTRODE:	2 ea 10 mil x 0.50 x 0.9" TINNED COPPER FLAT TAB			
CASE TERMINAL:	NONE			
CASE DIMENSIONS:	0.55 x 1.2 x 1.75	inches		
	14 x 30 x 44	mm		
WEIGHT:	0.04	lbs		
	0.02	kg		

NOTES:

NOTE 1: LEAK TEST: 100 % test and inspection

NOTE 2: IMPREGNANT (NONE)

* R.T. = Room temperature (23 ± 7 °C)

	SIZE	FSCM	DRAWING NUMBER	REV
	A	58307	39752	A
	SHEET 2			

