

CAPACITOR SPECIFICATION

PART NUMBER: **32924**

<u>PARAMETER</u>	<u>VALUE</u>	<u>UNITS</u>	<u>Q.A.</u>	<u>METHOD</u>
CAPACITANCE:	50.0	μF	100%	120 Hz, R.T.*
TOLERANCE:	± 10	%		
RATED VOLTAGE:	22.0	kV		
TEST VOLTAGE:	25.0	kV	100%	60 sec HIPOT
RATED ENERGY:	12.1	kJ		
RATED VOLTAGE REVERSAL:	80	%		
MAX. VOLTAGE REVERSAL:	90 (FAULT)	%		
RATED PEAK CURRENT:	25	kA		
MAX. PEAK CURRENT (FAULT):	100	kA		
MAX. RMS CURRENT	25	A		
MAX. OPERATING TEMP.	40	°C		
MIN. OPERATING TEMP.	-10	°C		
DESIGN LIFE AT RATED:	1.2E+05	charge / discharge cycles		
DC LIFE:	2.0E+04	hours		
RELIABILITY AT LIFE:	90	%		
MAX. DISSIPATION FACTOR	0.60	%	100%	120 Hz, R.T.*
APPROX. INDUCTANCE	60	nH	SAMPLE	STANDING WAVE
MIN. INSULATION RESISTANCE	1000	Mohm-uF	SAMPLE	DECAY Vr / R.T.* / 120s / 120s
CASE STYLE:	WELDED METAL CAN			
BUSHING:	2 ea 25 kV LOW PROFILE			
ELECTRODE:	1/2-13 UNF-2A			
CASE TERMINAL:	4 ea 3/8-16 UNC-2A WELDNUTS, 1.0 DIA BOSS			
DIMENSIONS:	12.0 x 16.0 x 27.5	inches		
	305 x 406 x 699	mm		
WEIGHT:	320.5	lbs		
	145.7	kg		

NOTES:

NOTE 1: LEAK TEST: 100 % test and inspection

NOTE 2: CASTOR OIL IMPREGNANT (non-PCB)

NOTE 3: HAS ONE PRESSURE SWITCH ATTACHED TO CASE

* R.T. = Room temperature (23 ± 7 °C)

	SIZE A	FSCM 58307	DRAWING NUMBER 32924	REV LTR E
	SHEET 2			

