

CAPACITOR SPECIFICATION

PART NUMBER: **352DQ535A**

<u>PARAMETER</u>	<u>VALUE</u>	<u>UNITS</u>	<u>Q.A.</u>	<u>METHOD</u>
CAPACITANCE:	35	μF	100%	120 Hz, 23 °C
TOLERANCE:	± 10	%		
RATED VOLTAGE:	5.2	kV		
TEST VOLTAGE:	5.6	kV	100%	60 sec HIPOT
RATED ENERGY:	473	Joules		
RATED VOLTAGE REVERSAL:	10	%		
MAX. VOLTAGE REVERSAL:	70 (FAULT)	%		1 CYCLE
RATED PEAK CURRENT:	0.1	kA		
MAX. PEAK CURRENT (FAULT):	0.3 (FAULT)	kA		1 CYCLE
MAX. RMS CURRENT	5	Amps RMS		
MAX. OPERATING TEMP.	60	°C		
MIN. OPERATING TEMP.	-20	°C		
DESIGN LIFE AT RATED:	1.0E+04	Charge / Discharge cycles		
DC LIFE:	25	hours		
RELIABILITY AT LIFE:	99	%		
MAX. DISSIPATION FACTOR	1.0	%	100%	120 Hz, 23 °C
APPROX. INDUCTANCE	200	nH	SAMPLE	STANDING WAVE
MIN. INSULATION RESISTANCE	1000	Mohm-uF	SAMPLE	DECAY Vr / R.T. / 120s / 120s

CASE STYLE: DRAWN METAL CAN
BUSHING: 2 ea NYLON CUPS
ELECTRODE: 1/4" QUICK-CONNECT, 2 BLADES PER TERMINAL
CASE TERMINAL: NONE
DIMENSIONS: 1.91 x 2.91 x 5.75 inches
 49 x 74 x 146 mm

APPROXIMATE WEIGHT: 1.0 lbs
 0.5 kg

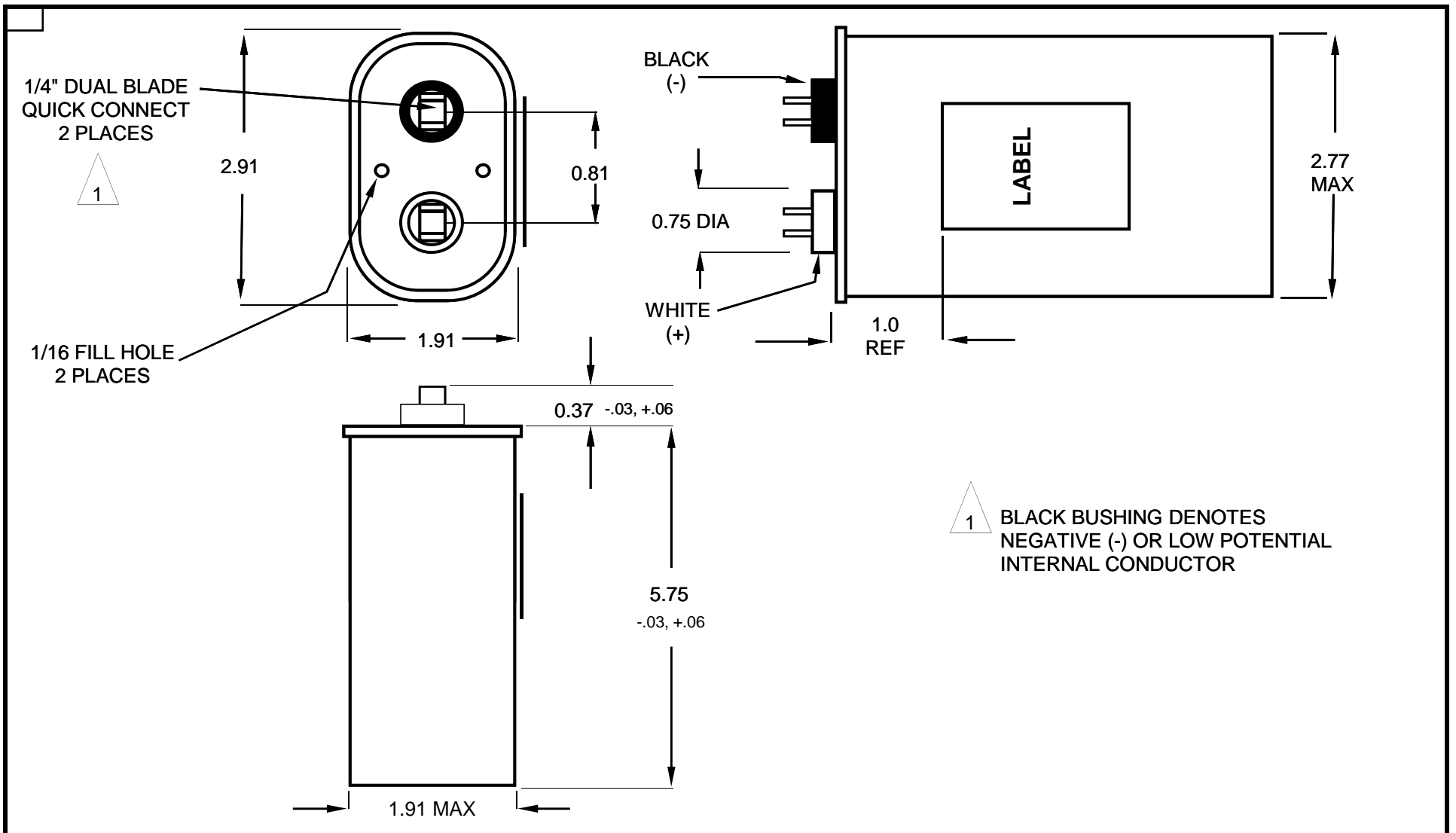
NOTES:


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	30960	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.		 4949 GREENCRAIG LANE SAN DIEGO, CA 92123			
			APPROVALS	DATE			TITLE CAPACITOR PART No. 352DQ535A 35 µF ± 10%, 5.2 kV	
		TREATMENT	DRAWN		SIZE	FSCM	DRAWING NUMBER	REV LTR
		FINISH	CHECKED		A	58307	30960	C
NEXT ASSY	USED ON	SIMILAR TO	ENGR	JEG				
APPLICATION		SPECIAL MARKING SYS	DESIGN ACTIVITY		SCALE - NONE		DATE: 09/08/02	SHEET 9 of 9
			GOVERNMENT ACTIVITY					