

CAPACITOR SPECIFICATION

PART NUMBER: **325DM410**

<u>PARAMETER</u>	<u>VALUE</u>	<u>UNITS</u>	<u>Q.A.</u>	<u>METHOD</u>
CAPACITANCE:	100	μF	100%	120 Hz, R.T.*
TOLERANCE:	± 10	%		
RATED VOLTAGE:	2.5	kV		
TEST VOLTAGE:	4.5	kV	100%	60 sec HIPOT
RATED ENERGY:	313	Joules		
RATED VOLTAGE REVERSAL:	20	%		
MAX. VOLTAGE REVERSAL:	80	%		
RATED PEAK CURRENT:	3.8	kA		
MAX. PEAK CURRENT (FAULT):	5.7	kA		
MAX. RMS CURRENT	37.3	A		
MAX. OPERATING TEMP.	65	°C		
MIN. OPERATING TEMP.	-20	°C		
DESIGN LIFE AT RATED:	4.0E+08	charge / discharge cycles		
DC LIFE:	1.1E+05	hours		
RELIABILITY AT LIFE:	90	%		
MAX. DISSIPATION FACTOR	0.30	%	100%	120 Hz, R.T.*
APPROX. INDUCTANCE	110	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 7.5 kV CERAMIC PILLAR, COMPRESSION SEAL			
ELECTRODE:	2 ea 1/4-20 UNF-2A			
CASE TERMINAL:	NONE			
DIMENSIONS:	3.75 x 4.56 x 8.75	inches		
	95 x 116 x 222	mm		
WEIGHT:	5.9	lbs		
	2.7	kg		

NOTES:

NOTE 1: LEAK TEST: 100 % test and inspection

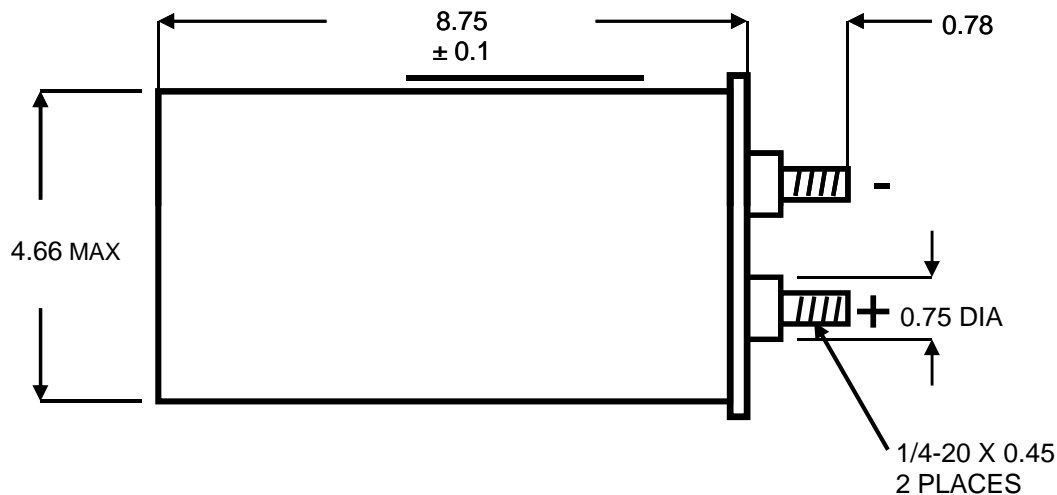
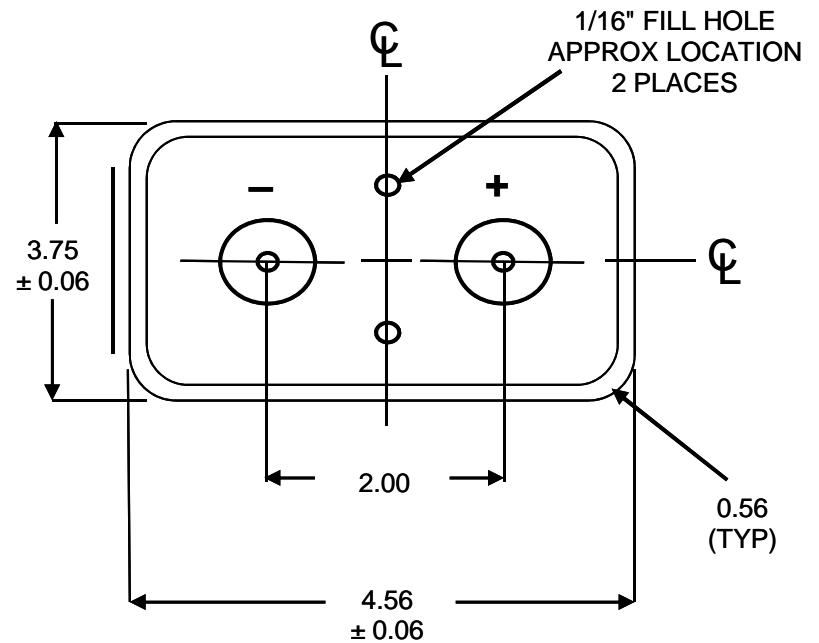
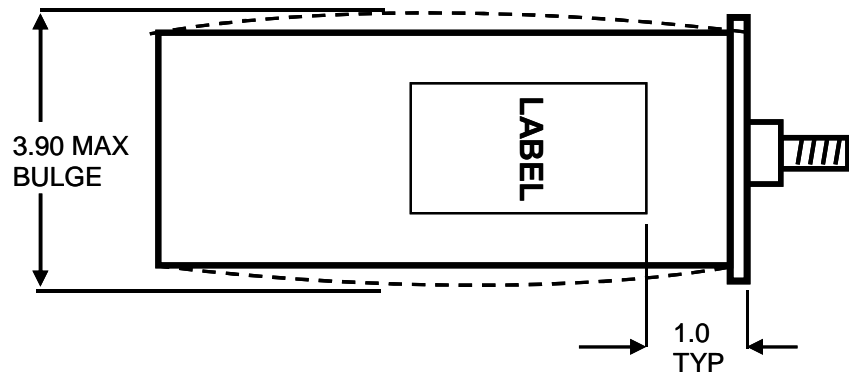
NOTE 2: IMPREGNANT : RSO (non-PCB)


NOTE 3: OPERATES IN ANY ORIENTATION

NOTE 4: SELF-HEALING, METALLIZED ELECTRODE DESIGN

* R.T. = Room temperature (23 ± 7 °C)

CAPACITOR SPECIFICATION	SIZE	FSCM	DRAWING NUMBER	REV
	A	58307	39661	G
			SHEET 2	



		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .X ± .1 ± 2° .XX ± .03 .XXX ± .010	CONTRACT NO.		 4949 GREENCRAIG LANE SAN DIEGO, CA 92123					
			DO NOT SCALE DRAWING						APPROVALS	DATE
	TYPE DM	TREATMENT	DRAWN				SIZE	FSCM	DRAWING NUMBER	REV LTR
	COMPONENTS	FINISH	CHECKED				A	58307	39661	G
NEXT ASSY	USED ON	SIMILAR TO	SPECIAL MARKING SYS	ENGR	MC					
APPLICATION				DESIGN ACTIVITY			SCALE - NONE		DATE: 10/30/98	SHEET 9 of 9
				GOVERNMENT ACTIVITY						