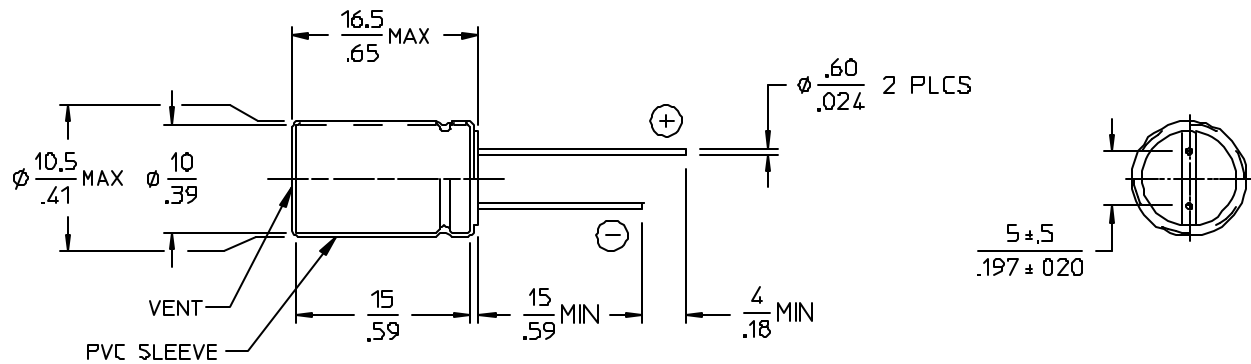


REV	DESCRIPTION	DATE	APPROVED
01	RELEASED- E020061	RCM 3/6/02	GCK



ELECTRICAL CHARACTERISTICS @ $T_a = 20^\circ\text{C}$, 120Hz (UNLESS OTHERWISE SPECIFIED)

PARAMETER	SYMBOL	MIN	MAX	UNITS	TEST CONDITIONS
CAPACITANCE	C	544	816	μF	0.5Vrms
WORKING VOLTAGE	V_{DCW}	6.3		V	
SURGE VOLTAGE	V_{SURGE}	8		V	
LEAKAGE CURRENT	I_{DCL}		128.52	μA	1 MINUTE
DISSIPATION FACTOR	$\tan \delta$		0.22		
IMPEDANCE	Z		$\frac{0.22}{0.57}$	Ω	$\frac{100\text{KHZ}, 20^\circ\text{C}}{100\text{KHZ}, -10^\circ\text{C}}$
RIPPLE CURRENT	I_{RIPPLE}		635	mA	$T_a = 105^\circ\text{C}$, 100KHZ
OPERATING TEMPERATURE RANGE	T_{OP}	-55	+105	$^\circ\text{C}$	

NOTES:
 1. MATERIAL: ALUMINUM ELECTROLYTIC.
 2. SOLVENT PROOF END SEAL.
 3. DIMENSIONS ARE METRIC.
 INCH

MAXIMUM PERMISSIBLE RIPPLE CURRENT

FREQUENCY MULTIPLIER

FREQUENCY IN Hz					
50	120	300	1K	10K	100K
0.65	0.80	0.90	0.98	1.00	1.00

TEMPERATURE MULTIPLIER

TEMPERATURE	85 $^\circ\text{C}$	105 $^\circ\text{C}$
MULTIPLIER	1.75	1

DRAWN BY GCK	DATE 01/14/02				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE FRACTIONS DECIMALS ANGLES +1/64 .XX- +.01 .1° XXX-.005		CAPACITOR, ALEL, RADIAL, 680uF, ±20%, 6.3V			
THIRD ANGLE PROJECTION 	SIZE B	FSCM NO. 67131	DWG NO 13439	REV 01	
DO NOT SCALE DRAWING	SCALE 2X			SHEET 1 OF 1	