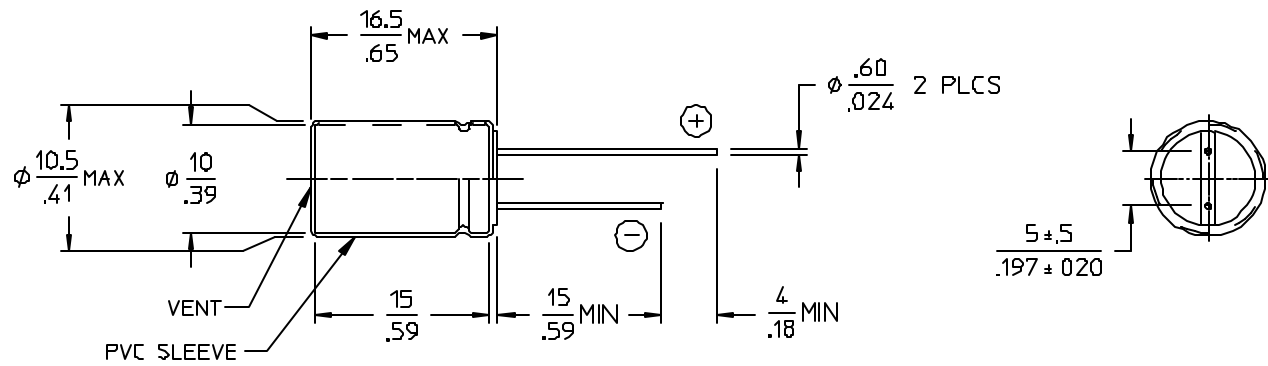


REV	DESCRIPTION	DATE	APPROVED
01	RELEASED- E020061	RCM 3/6/02	GCK



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

PARAMETER	SYMBOL	MIN	MAX	UNITS	TEST CONDITIONS
CAPACITANCE	C	144	216	μF	0.5Vrms
WORKING VOLTAGE	V_{DCW}	35		V	
SURGE VOLTAGE	V_{SURGE}	44		V	
LEAKAGE CURRENT	I_{DCL}		189	μA	1 MINUTE
DISSIPATION FACTOR	$\tan \delta$		0.12		
IMPEDANCE	Z		$\frac{0.21}{0.55}$	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
0.60	0.70	0.80	0.90	0.95	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					
THIRD ANGLE PROJECTION		SIZE B	FSCM NO. 67131	DWG NO 13447	REV 01
DO NOT SCALE DRAWING		SCALE 2X	SHEET 1 OF 1		