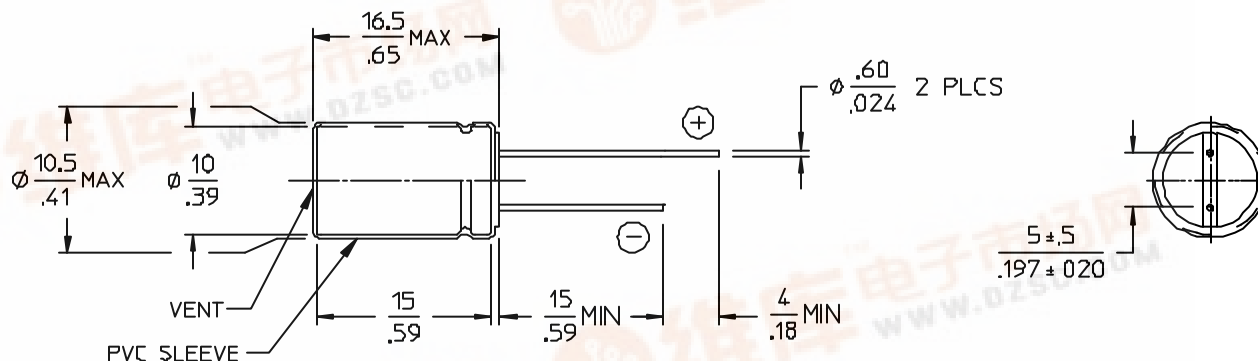


VICOR CONFIDENTIAL

THIS DOCUMENT AND THE DATA DISCLOSED HEREIN OR HERewith IS NOT TO BE REPRODUCED, USED, OR DISCLOSED IN WHOLE OR IN PART TO ANYONE WITHOUT PERMISSION OF VICOR CORP.

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	216	324	μF	0.5Vrms
WORKING VOLTAGE	V_{DCW}	25		V	
SURGE VOLTAGE	V_{SURGE}	32		V	
LEAKAGE CURRENT	I_{DCL}		202.5	μA	1 MINUTE
DISSIPATION FACTOR	$\tan \delta$		0.14		
IMPEDANCE	Z		0.21 0.55	Ω	100KHZ, $+20^\circ\text{C}$ 100KHZ, -10°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
MULTIPLIER	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 CCK	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	
DD NOT SCALE DRAWING	



CAPACITOR, ALUM, RADIAL,
270 μF , $\pm 20\%$, 25V

SIZE	FSCM NO.	DWG NO	REV
B	67131	13445	01
SCALE	2X	SHEET 1	OF 1