

VICOR CONFIDENTIAL

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REVISIONS

REV	DESCRIPTION	DATE	APPROVED
1	RELEASE PER E055019 LEK	09/16/05	SH
2	REVISED PER E060574 GCK	03/08/06	CR
3	REVISED PER E100698A KUK	5/19/10	JG

1.063
MAX

NEGATIVE

- .394

1.614 MAX

- .228±.039

ELECTRICAL CHARACTERISTICS @ Ta= +20°C, 120Hz (UNLESS OTHERWISE SPECIFIED)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST CONDITIONS
CAPACITANCE	C	216	270	324	uF	@ 120 Hz, 20°C
WORKING VOLTAGE	V _{DCW}	400			V	
SURGE VOLTAGE	V _{SURGE}			450	V	30 SEC
LEAKAGE CURRENT	I _{DCL}			2160	uA	@ 20°C 5 MINUTES
DISSIPATION FACTOR	tan d			0.15		
EQUIVALENT SERIES RESISTANCE	ESR		36		mΩ	@ 120 Hz, 20°C
RIPPLE CURRENT	I _{RIPPLE}			1.7	A	@ 120 Hz, +85°C
OPERATING TEMPERATURE RANGE	T _{OP}	-25	+85		°C	

1.00±0.10
[.039±.004]

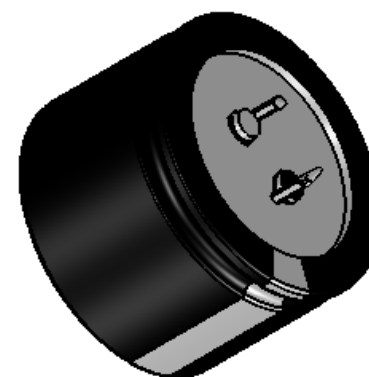
EDGE OF CAP

1.00±0.10
[.039±.004]

1.50±0.20
[.059±.008]

(2X PIN DIMS)
SCALE: 4X

NOTES:
1. MATERIAL: ALUMINUM ELECTROLYTIC.
2. RoHS COMPLIANT, LEAD FREE PER CST-0001
LATEST REVISION.
3.DIMENSIONS ARE INCHES ONLY.



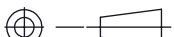
MAXIMUM PERMISSIBLE RIPPLE CURRENT

FREQUENCY MULTIPLIER

FREQUENCY IN Hz					
50	120	300	1K	10K	100K
0.77	1.00	1.16	1.30	1.41	1.43

TEMPERATURE MULTIPLIER

TEMPERATURE	+45°C	+60°C	+70°C	+85°C
MULTIPLIER	1.73	1.50	1.32	1.00

		DRAWN	DATE				SWD
		P.E. IENI	07/29/05				
MATERIAL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE INCH [MM] TOLERANCES ARE: DECIMALS ANGLES X.XX [X.X] = ±0.01 [0.25] ±1° X.XXX [X.XX] = ±0.005 [0.127]			CAPACITOR ALEL 270uF ± 20% 400V			
FINISH	THIRD ANGLE PROJECTION			SIZE	CAGE CODE	DWG NO	REV
				B	67131	30240	3
				SCALE 2 : 1			SHEET 1 OF 1