

# SMD ALUMINUM ELECTROLYTIC CAPACITORS

## - CVU SERIES -

### FEATURES

- 6.3Ø~18Ø, 125°C, 1,000 ~ 2,000 hours assured
- Chip type high temperature range, for +125°C use
- For automobile modules and other high temperature applications
- RoHS Compliance



### CONSTRUCTION AND DIMENSIONS

FIG. 1

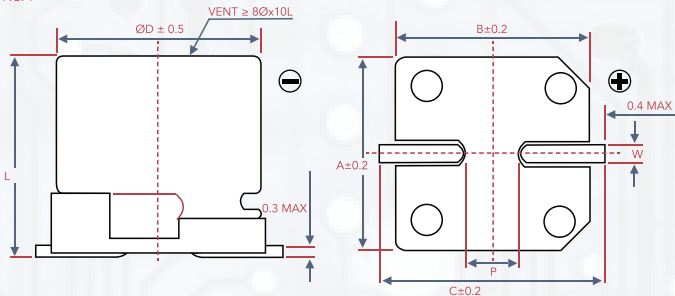
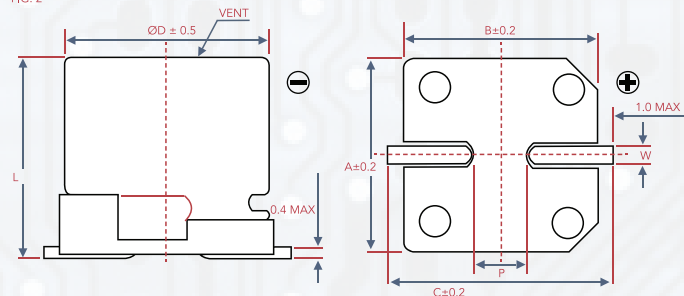


FIG. 2



### LEAD SPACING AND DIAMETER

ØD	L	A	B	C	W	P ± 0.2	FIG. NO.
6.3	5.7±0.3	6.6	6.6	7.2	0.5~0.8	2.0	1
6.3	7.7±0.3	6.6	6.6	7.2	0.5~0.8	2.0	1
8	10±0.5	8.4	8.4	9.0	0.5~0.8	2.3	1
8	10±0.5	8.4	8.4	9.0	0.7~1.1	3.1	1
10	10±0.5	10.4	10.4	11.0	0.7~1.3	4.7	1
12.5	13.5±0.5	13.0	13.0	13.7	1.1~1.4	4.4	2
12.5	16±0.5	10.4	10.4	3.3	1.1~1.4	4.4	2
16	16.5±0.5	10.4	10.4	3.3	1.1~1.4	6.4	2
18	16.5±0.5	16.3	16.3	5.8	1.1~1.4	6.4	2

### PART NUMBERING

CVU	1C	471	M	K14	R	
SERIES NAME	RATED VOLTAGE	CAPACITANCE	TOLERANCE	CASE SIZE	PACKAGE TYPE	
Series is represented by a two or three digit code.	OG - 4V OJ - 6.3V 1A - 10V 1C - 16V 1E - 25V 1V - 35V 1H - 50V 1J - 63V 1K - 80V 2A - 100V	OR1 - 0.1µF R47 - 0.47µF 010 - 1µF 4R7 - 4.7µF 100 - 10µF 47 - 470µF 101 - 100µF 471 - 470µF 102 - 1000µF	W: -10% ~+100% T: -10% ~+50% Q: -10% ~+30% V: -10% ~+20% M: -20% ~+20% K: -10% ~+10% J: -5% ~+5%	B55 - 3x5.3 D55 - 4x5.3 D60 - 4x5.7 E55 - 5x5.3 E60 - 5x5.7 F55 - 6.3x5.3 F60 - 6.3x5.7 F62 - 6.3x6.0 F72 - 6.3x7.0 F80 - 6.3x7.7	G68 - 8x6.5 G72 - 8x7.0 G10 - 8x10.0 G12 - 8x12.0 H82 - 10x8.0 H10 - 10x10.0 H13 - 10x13.0 K14 - 12.5x13.5 K16 - 12.5x16.0 L17 - 16x16.5	R - Taping polarity with reel package in 380mm

## SPECIFICATIONS

Dimension:  $\varnothing D \times L$  (mm)  
Ripple Current: mA/rms at 120 Hz, 125°C

CONTENTS	VDC	10V (1A)		16V (1A)		25V (1E)		35V (1V)		50V (1H)	
		$\varnothing D \times L$	mA	$\varnothing D \times L$	mA	$\varnothing D \times L$	mA	$\varnothing D \times L$	mA	$\varnothing D \times L$	mA
22	222							6.3x5.7	50	8x6.5	75
33	330			6.3x5.7	50	6.3x5.7	50	6.3x7.7	70	8x10	130
47	470			6.3x7.7	70	6.3x7.7	70	8x6.5	75	8x10	130
68	680	6.3x5.7	50	8x6.5	75	8x6.5	75	8x10	130	10x10	180
100	101	8x6.5	75	8x6.5	75	8x10	130	10x10	180	12.5x13.5	357
220	221	8x10	130	10x10	180	10x10	180	12.5x13.5	357	12.5x16	400
330	331	8x10	130	12.5x13.5	480	12.5x13.5	480	16x16.5	650	16x16.5	650
470	471	12.5x13.5	480	12.5x13.5	480	12.5x13.5	480	16x16.5	650	16x16.5	650
680	681	12.5x13.5	480	12.5x13.5	480	12.5x16	585	16x16.5	650	18x16.5	855
1,000	102	12.5x16	585	12.5x16	585	16x16.5	650	18x16.5	855		
1,500	152	12.5x16	585	16x16.5	650	18x16.5	855				
2,200	222	16x16.5	650	18x16.5	855						
3,300	332	18x16.5	855								
4,700	472	18x16.5	855								

## MARKING

