

nichicon

For SMD

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- Diagram illustrating the relationship between LV (Long Life) and LR (Long Range) with arrows indicating 'Long Life' and 'High Voltage'.

[illegible]

Diagram illustrating the meaning of the 14 digits in a capacitor code:

Digit	Meaning
1	Type
2	Series name
3	Rated voltage (400V)
4	Rated capacitance (8.2μF)
5	Capacitance tolerance (±20%)
6	Configuration
7	Taping code
8	
9	
10	
11	
12	
13	
14	

Example code: U L R 2 G 8 R 2 M N L 1 G S

	(mm)		
$\phi D \times L$	8×10	10×10	10×13.5
A	2.9	3.2	3.2
B	8.3	10.3	10.3
C	8.3	10.3	10.3
E	3.1	4.5	4.5
L	10	10	13.5
H	0.8 to 1.1	0.8 to 1.1	0.8 to 1.1

Voltage						
V	160	200	250	400	450	500
Code	2C	2D	2E	2G	2W	2H

Cap. (µF)	V Code	160 2C		200 2D		250 2E		400 2G		450 2W		500 2H	
2.7	2R7											8×10	20
3.9	3R9									8×10	25	10×10	35
4.7	4R7							8×10	35				
5.6	5R6											10×13.5	40
6.8	6R8									10×10	40		
8.2	8R2							10×10	50				
10	100					8×10	35			10×13.5	45		
12	120			8×10	50			10×13.5	55				
15	150	8×10	50			10×10	50						
22	220			10×10	65	10×13.5	55						
27	270	10×10	65										
33	330			10×13.5	70								
39	390	10×13.5	70									Case size φ D × L (mm)	Rated ripple

Frequency	50 Hz	120 Hz	300 Hz	1 kHz	10 kHz or more
Coefficient	0.80	1.00	1.25	1.40	1.60

- Taping specifications are given in page 23.
- Recommended land size, soldering by reflow are given in page 18, 19.
- Please refer to page 3 for the minimum order quantity.

CAT.8100C