

nichicon

- Diagram illustrating the relationship between ZS, ZR, and ZD:
- ZS is smaller than ZR.
- ZR is smaller than ZD.

[illegible]

Figure 1 illustrates the dimensions and markings of the X2 capacitor. The top view shows the capacitor's markings, including the voltage rating (C: 16V), lot number, series, and capacitance value (X2, -10C, ZR). The side view shows the physical dimensions, including the plastic platform, maximum thickness (0.3 MAX.), and the diameter of the body (ØD±0.5). The cross-sectional view shows the internal structure and dimensions, including the capacitor value (C±0.2), maximum length (0.5 MAX.), and the thickness of the body (B±0.2). The dimensions A±0.2 and E are also indicated. The positive and negative terminals are marked with '+' and '-' respectively.

V	4	6.3	10	16	25	35	50
Code	g	j	A	C	E	V	H

1 2 3 4 5 6 7 8 9 10 11 12 13 14

U Z R 1 C 1 0 0 M C L 1 G B

Series name

Rated voltage (16V)

Rated Capacitance (10µF)

Capacitance tolerance (±20%)

Configuration

Taping code

V Cap. (μF)		4		6.3		10		16		25		35		50	
		Code		0G		0J		1A		1C		1E		1V	
0.1	0R1													4	1.0
0.22	R22													4	2.0
0.33	R33													4	2.8
0.47	R47													4	4.0
1	010													4	8.4
2.2	2R2													4	13
3.3	3R3													4	17
4.7	4R7									4	16	4	18	5	20
10	100							4	23	5	27	5	29	6.3	33
22	220			4	28	5	33	5	37	6.3	42	6.3	46		
33	330	4	28	5	37	5	41	6.3	49	6.3	52				
47	470	4	33	5	45	6.3	52	6.3	58						
100	101	5	56	6.3	70										
220	221	6.3	96											Case size e D (mm)	Rated ripple

Frequency	50 Hz	120 Hz	300 Hz	1 kHz	10 kHz~
Coefficient	0.70	1.00	1.17	1.36	1.50

- Taping specifications are given in page 24.
- Recommended land size are given in page 25.
- Please contact us for the soldering by reflow.
- Please refer to page 3 for the minimum order quantity.

CAT.8100V