

Alchip™-MZA Series

- Lowest impedance, 2,000 hours at 105°C
- Solvent resistant type (see PRECAUTIONS AND GUIDELINES)
- RoHS Compliant

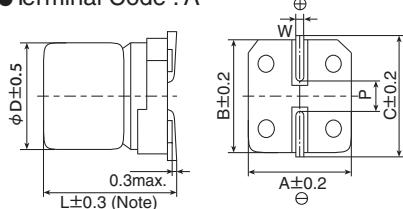


◆SPECIFICATIONS

Items	Characteristics								
Category									
Temperature Range	-55 to +105°C								
Rated Voltage Range	6.3 to 80V _{dc}								
Capacitance Tolerance	$\pm 20\% (M)$								
Leakage Current	I=0.01CV or 3μA, whichever is greater Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V) (at 20°C after 2 minutes)								
Dissipation Factor (tanδ)	Rated voltage(V _{dc})	6.3V	10V	16V	25V	35V	50V	63V	80V
	tanδ(Max.)	0.26	0.19	0.16	0.14	0.12	0.10	0.08	0.08
Low Temperature Characteristics (Max. impedance Ratio)	Rated voltage(V _{dc})	6.3V	10V	16V	25V	35V	50V	63V	80V
	Z(-25°C)/Z(+20°C)	2	2	2	2	2	2	2	2
	Z(-40°C)/Z(+20°C)	3	3	3	3	3	3	3	3
	Z(-55°C)/Z(+20°C)	4	4	4	3	3	3	3	3
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage is applied for 2,000 hours at 105°C. Capacitance change ≤ ±30% of the initial value D.F. (tanδ) ≤ 200% of the initial specified value Leakage current ≤ The initial specified value								

◆DIMENSIONS [mm]

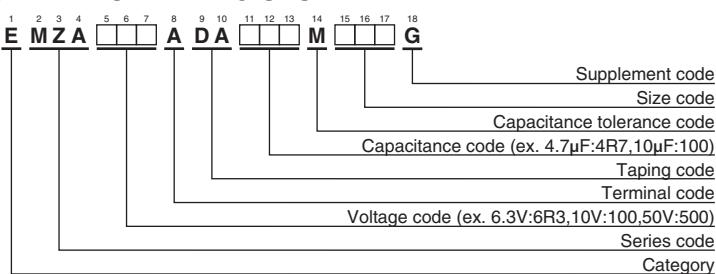
- Terminal Code : A



Note : L±0.5 for HAO and JA0

Size code	D	L	A	B	C	W	P
D61	4	5.8	4.3	4.3	5.1	0.5 to 0.8	1.0
E61	5	5.8	5.3	5.3	5.9	0.5 to 0.8	1.4
F61	6.3	5.8	6.6	6.6	7.2	0.5 to 0.8	1.9
F80	6.3	7.7	6.6	6.6	7.2	0.5 to 0.8	1.9
HA0	8	10.0	8.3	8.3	9.0	0.7 to 1.1	3.1
JA0	10	10.0	10.3	10.3	11.0	0.7 to 1.1	4.5

◆PART NUMBERING SYSTEM



Please refer to "Product code guide (surface mount type)"

◆MARKING

EX) 16V220μF



- Rated voltage symbol

Rated voltage (V _{dc})	Symbol
6.3	j
10	A
16	C
25	E
35	V
50	H
63	J
80	K

