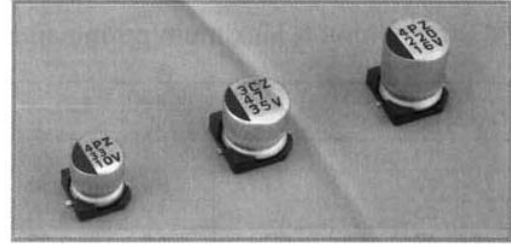


CZ SERIES

Chip type, For surface mounting

- SMD Low Impedance Type. Reflow Soldering is available.
- Life 2000 hours at 105°C
- Available For High Density Mounting



Characteristics

Voltage Range	6.3 to 50 VDC						
Capacitance Range	1.0 to 1000uF						
Temperature Range	-40 to +105°C						
Capacitance Tolerance	+20% -20% (at 20°C, 120Hz)						
Leakage Current	I ≤ 0.01CV or 3uA, whichever is greater 2 minutes after Rated Voltage applied						
Dissipation Factor (tan δ) Max	Rated Voltage (V)	6.3	10	16	25	35	50
	D.F.(tanδ)	0.22	0.19	0.16	0.14	0.12	0.12
	(at 20°C, 120Hz)						
Stability at Low Temperature	Impedance ration at 120Hz						
	Rated Voltage (V)	6.3	10	16	25	35	50
	Z-25°C/Z 20°C	3	3	2	2	2	2
	Z-40°C/Z 20°C	6	6	4	4	3	3
Load Life	After the rated voltage has been applied for 1000 hours at 105°C	Capacitance change		Within ±25% of initial value			
		D.F.(tanδ)		200% or less of initial specified value			
		Leakage current		less than initial specified value			
Shelf Life	After storage for 1000 hours at 105°C, with no voltage applied and being stabilized at +20°C, Capacitor shall meet the limit specified in load life.						

Case size & Maximum Ripple Current (mA rms 105°C 100KHZ) & Imp. (Ω 20°C 100KHZ)

Cap. ^{WV}	6.3			10			16			25			35			50			
	uF	Size	R.C.	Imp.	Size	R.C.	Imp.	Size	R.C.	Imp.	Size	R.C.	Imp.	Size	R.C.	Imp.	Size	R.C.	Imp.
1																	A	30	5
2.2																	A	30	5
3.3																	A	30	5
4.7														A	80	1.80	B	85	1.52
10									A	80	1.80	B	150	0.76	C	165	0.88		
22				A	80	1.80	B	150	0.76	B	150	0.76	B	150	0.76	C	165	0.88	
33	B	150	0.76	B	150	0.76	C	230	0.44	C	230	0.44	C	230	0.44	C8	185	0.68	
47	B	150	0.76	C	230	0.44	C	230	0.44	C	230	0.44	C	230	0.44	C8	185	0.68	
100	C	230	0.44	C	230	0.44	D	230	0.40	E	450	0.30	F	670	0.15	F	500	0.30	
220	C	230	0.44	C8	280	0.34	E	450	0.17	E	450	0.17	F	670	0.15	F	670	0.15	
330	C8	280	0.34	E	450	0.17	F	670	0.15	F	670	0.15	F	670	0.15				
470	E	450	0.17	F	670	0.15	F	670	0.15	F	670	0.15							
1000	E	450	0.17	F	670	0.15													

Diagram of dimensions

SIZE	Dφ	L	A	C	B	W	P
A	4	5.5	4.3	4.3	5.1	0.5~0.8	1.0
B	5	5.5	5.3	5.3	5.9	0.5~0.8	1.4
C	6.3	5.5	6.6	6.6	7.2	0.5~0.8	2.0
C8	6.3	7.7	6.6	6.6	7.2	0.5~0.8	2.0
D	8	6.5	8.3	8.3	9.0	0.5~0.8	2.2
E	8	10.5	8.3	8.3	9.0	0.8~1.1	3.1
F	10	10.5	10.3	10.3	11.0	0.8~1.1	4.5

