

Subminiature, Leaded Solid Tantalum Capacitors

FEATURES

- Rectangular case with radial leads
- 2 to 35 VDC
- 0.1 μ F to 220 μ F
- Operating temperature range : - 55°C to + 85°C
- Qualified to MIL-PRF-49137

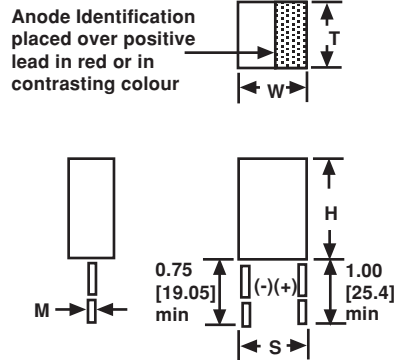


ORDERING INFORMATION

CX MODEL	06 LEAD CONFIGURATION	A VOLTAGE	474 CAPACITANCE	M CAPACITANCE TOLERANCE
Example: CX06A474M	0 = Radial			M = $\pm 20\%$ K = $\pm 10\%$

DIMENSIONS in inches [millimeters]

RADIAL



CASE CODE	T MAX	W MAX	H MAX	M ± 0.002 [± 0.051]	S
A	0.040 [1.02]	0.050 [1.27]	0.100 [2.54]	0.007 [0.18]	0.030 \pm .015 [0.76 \pm .38]
B	0.040 [1.02]	0.070 [1.78]	0.125 [3.18]	0.010 [0.25]	0.050 \pm .015 [1.27 \pm .38]
C	0.070 [1.78]	0.120 [3.05]	0.165 [4.19]	0.010 [0.25]	0.100 \pm .020 [2.54 \pm .51]
D	0.075 [1.91]	0.185 [4.70]	0.225 [5.72]	0.010 [0.25]	0.150 \pm .020 [3.81 \pm .51]
E	0.110 [2.79]	0.220 [5.59]	0.290 [7.37]	0.016 [0.41]	0.180 \pm .025 [4.57 \pm .64]
F	0.130 [3.30]	0.230 [5.84]	0.310 [7.87]	0.016 [0.41]	0.200 \pm .025 [5.08 \pm .64]
G	0.150 [3.81]	0.375 [9.53]	0.475 [12.07]	0.016 [0.41]	0.300 \pm .025 [7.62 \pm 0.64]



STANDARD RATINGS				
CAPACITANCE (μF)	MAX DF (%)	MAX. DCL @ + 25°C (μA)	CASE CODE	PART NUMBER
2 WVDC @ + 85°C				
0.47	10	0.5	A	CX06A474-*
2.2	10	0.5	B	CX06A225-*
10	10	0.5	C	CX06A106-*
3 WVDC @ + 85°C				
1.5	10	0.5	B	CX06B155-*
6.8	10	0.5	C	CX06B685-*
22	10	1	D	CX06B226-*
220	15	9	G	CX06B227-*
4 WVDC @ + 85°C				
0.33	10	0.5	A	CX06C334-*
1	8	0.5	B	CX06C105-*
4.7	8	0.5	C	CX06C475-*
15	8	1	D	CX06C156-*
47	8	2	E	CX06C476-*
68	8	3	F	CX06C686-*
6 WVDC @ + 85°C				
0.22	10	0.5	A	CX06D224-*
0.68	6	0.5	B	CX06D684-*
3.3	6	0.5	C	CX06D335-*
10	6	1	D	CX06D106-*
33	6	2	E	CX06D336-*
47	6	3	F	CX06D476-*
150	10	9	G	CX06D157-*
10 WVDC @ + 85°C				
0.15	10	0.5	A	CX06F154-*
0.47	6	0.5	B	CX06F474-*
2.2	6	0.5	C	CX06F225-*
6.8	6	1	D	CX06F685-*
22	6	2	E	CX06F226-*
33	6	3	F	CX06F336-*
100	8	9	G	CX06F107-*
15 WVDC @ + 85°C				
0.10	10	0.5	A	CX06H104-*
0.33	6	0.5	B	CX06H334-*
1.5	6	0.5	C	CX06H155-*
15	6	2	E	CX06H156-*
22	6	3	F	CX06H226-*
68	8	9	G	CX06H686-*

*Add suffix to indicate capacitance tolerance K = \pm 10% or M = \pm 20%



STANDARD RATINGS				
CAPACITANCE (μF)	MAX DF (%)	MAX. DCL @ + 25°C (μA)	CASE CODE	PART NUMBER
20 WVDC @ + 85°C				
0.10	6	0.5	B	CX06J104-*
0.15	6	0.5	B	CX06J154-*
0.22	6	0.5	B	CX06J224-*
1	6	0.5	C	CX06J105-*
3.3	6	1	D	CX06J335-*
4.7	6	1	D	CX06J475-*
10	6	2	E	CX06J106-*
15	6	3	F	CX06J156-*
47	8	9	G	CX06J476-*
25 WVDC @ + 85°C				
0.68	6	0.5	C	CX06K684-*
2.2	6	1	D	CX06K225-*
6.8	6	2	E	CX06K685-*
10	6	3	F	CX06K106-*
33	6	9	G	CX06K336-*
35 WVDC @ + 85°C				
0.10	6	0.5	C	CX06M104-*
0.15	6	0.5	C	CX06M154-*
0.22	6	0.5	C	CX06M224-*
0.33	6	0.5	C	CX06M334-*
0.47	6	0.5	C	CX06M474-*
0.68	6	1	D	CX06M684-*
1	6	1	D	CX06M105-*
1.5	6	1	D	CX06M155-*
2.2	6	2	E	CX06M225-*
3.3	6	2	E	CX06M335-*
4.7	6	2	E	CX06M475-*
6.8	6	3	F	CX06M685-*
10	6	9	G	CX06M106-*
15	6	9	G	CX06M156-*
22	6	9	G	CX06M226-*

*Add suffix to indicate capacitance tolerance K = \pm 10% or M = \pm 20%