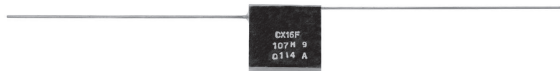




Subminiature, Leaded Solid Tantalum Capacitors

FEATURES

- Axial 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

16
LEAD
CONFIGURATION

1 = Axial

A
VOLTAGE

474
CAPACITANCE

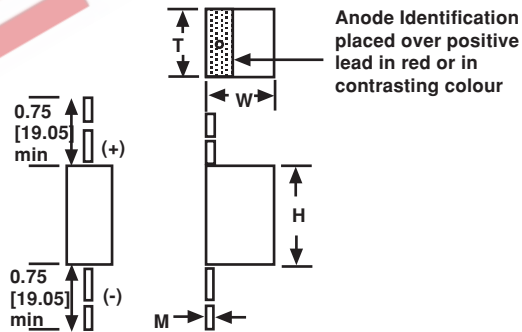
M
CAPACITANCE
TOLERANCE

M = \pm 20%
K = \pm 10%

Example: CX16A474M

DIMENSIONS in inches [millimeters]

AXIAL



| CASE CODE | T MAX | W MAX | H MAX | M \pm 0.002 [\pm 0.051] |
|-----------|-----------------|-----------------|------------------|---------------------------------|
| A | 0.040 [1.02] | 0.050 [1.27] | 0.100 [2.54] | 0.007 [0.18] |
| B | 0.040 [1.02] | 0.070 [1.78] | 0.125 [3.18] | 0.010 [0.25] |
| C | 0.070 [1.78] | 0.120 [3.05] | 0.165 [4.19] | 0.010 [0.25] |
| D | 0.075 [1.91] | 0.185 [4.70] | 0.225 [5.72] | 0.010 [0.25] |
| E | 0.110 [2.79] | 0.220 [5.59] | 0.290 [7.37] | 0.016 [0.41] |
| F | 0.130 [3.30] | 0.230 [5.84] | 0.310 [7.87] | 0.016 [0.41] |
| G | 0.150 [3.81] | 0.375 [9.53] | 0.475 [12.07] | 0.016 [0.41] |

CX16

Vishay Sprague

Subminiature, Leaded Solid Tantalum Capacitors



| STANDARD RATINGS | | | | |
|---------------------------|---------------|---------------------------------|--------------|-------------|
| CAPACITANCE (μ F) | MAX DF (%) | MAX. DCL @ + 25°C (μ A) | CASE CODE | PART NUMBER |
| 2 WVDC @ + 85°C | | | | |
| 0.47 | 10 | 0.5 | A | CX16A474-* |
| 2.2 | 10 | 0.5 | B | CX16A225-* |
| 10 | 10 | 0.5 | C | CX16A106-* |
| 3 WVDC @ + 85°C | | | | |
| 1.5 | 10 | 0.5 | B | CX16B155-* |
| 6.8 | 10 | 0.5 | C | CX16B685-* |
| 22 | 10 | 1 | D | CX16B226-* |
| 220 | 15 | 9 | G | CX16B227-* |
| 4 WVDC @ + 85°C | | | | |
| 0.33 | 10 | 0.5 | A | CX16C334-* |
| 1 | 8 | 0.5 | B | CX16C105-* |
| 4.7 | 8 | 0.5 | C | CX16C475-* |
| 15 | 8 | 1 | D | CX16C156-* |
| 47 | 8 | 2 | E | CX16C476-* |
| 68 | 8 | 3 | F | CX16C686-* |
| 6 WVDC @ + 85°C | | | | |
| 0.22 | 10 | 0.5 | A | CX16D224-* |
| 0.68 | 6 | 0.5 | B | CX16D684-* |
| 3.3 | 6 | 0.5 | C | CX16D335-* |
| 10 | 6 | 1 | D | CX16D106-* |
| 33 | 6 | 2 | E | CX16D336-* |
| 47 | 6 | 3 | F | CX16D476-* |
| 150 | 10 | 9 | G | CX16D157-* |
| 10 WVDC @ + 85°C | | | | |
| 0.15 | 10 | 0.5 | A | CX16F154-* |
| 0.47 | 6 | 0.5 | B | CX16F474-* |
| 2.2 | 6 | 0.5 | C | CX16F225-* |
| 6.8 | 6 | 1 | D | CX16F685-* |
| 22 | 6 | 2 | E | CX16F226-* |
| 33 | 6 | 3 | F | CX16F336-* |
| 100 | 8 | 9 | G | CX16F107-* |
| 15 WVDC @ + 85°C | | | | |
| 0.10 | 10 | 0.5 | A | CX16H104-* |
| 0.33 | 6 | 0.5 | B | CX16H334-* |
| 1.5 | 6 | 0.5 | C | CX16H155-* |
| 15 | 6 | 2 | E | CX16H156-* |
| 22 | 6 | 3 | F | CX16H226-* |
| 68 | 8 | 9 | G | CX16H686-* |

*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 | CX16J104-* |
| 0.15 | 6 | 0.5 | B | CX16J154-* |
| 0.22 | 6 | 0.5 | B | CX16J224-* |
| 1 | 6 | 0.5 | C | CX16J105-* |
| 3.3 | 6 | 1 | D | CX16J335-* |
| 4.7 | 6 | 1 | D | CX16J475-* |
| 10 | 6 | 2 | E | CX16J106-* |
| 15 | 6 | 3 | F | CX16J156-* |
| 47 | 8 | 9 | G | CX16J476-* |
| 25 WVDC @ + 85°C | | | | |
| 0.68 | 6 | 0.5 | C | CX16K684-* |
| 2.2 | 6 | 1 | D | CX16K225-* |
| 6.8 | 6 | 2 | E | CX16K685-* |
| 10 | 6 | 3 | F | CX16K106-* |
| 33 | 6 | 9 | G | CX16K336-* |
| 35 WVDC @ + 85°C | | | | |
| 0.10 | 6 | 0.5 | C | CX16M104-* |
| 0.15 | 6 | 0.5 | C | CX16M154-* |
| 0.22 | 6 | 0.5 | C | CX16M224-* |
| 0.33 | 6 | 0.5 | C | CX16M334-* |
| 0.47 | 6 | 0.5 | C | CX16M474-* |
| 0.68 | 6 | 1 | D | CX16M684-* |
| 1 | 6 | 1 | D | CX16M105-* |
| 1.5 | 6 | 1 | D | CX16M155-* |
| 2.2 | 6 | 2 | E | CX16M225-* |
| 3.3 | 6 | 2 | E | CX16M335-* |
| 4.7 | 6 | 2 | E | CX16M475-* |
| 6.8 | 6 | 3 | F | CX16M685-* |
| 10 | 6 | 9 | G | CX16M106-* |
| 15 | 6 | 9 | G | CX16M156-* |
| 22 | 6 | 9 | G | CX16M226-* |

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