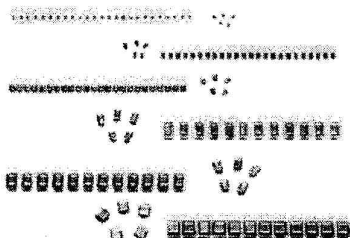


Solid Tantalum Chip Capacitors

TANTAMOUNT[®], Conformal Coated, Maximum CV



FEATURES

- New extended range offerings.
- Large capacitance rating range.
- Terminations: Tin (2) standard.
- 8mm, 12mm tape and reel packaging available per EIA 481-1 and reeling per IEC 286-3. 7" [178mm] standard. 13" [330mm] available.
- Case code compatibility with EIA 535BAAC and CECC30801 molded chips.

PERFORMANCE CHARACTERISTICS

Operating Temperature: -55°C to +85°C. (To +125°C with voltage derating.)

Capacitance Range: 0.10µF to 1500µF

Capacitance Tolerance: ±10%, ±20% standard.

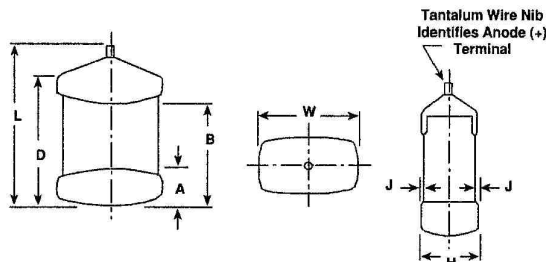
Voltage Rating: 4 WVDC to 50 WVDC.

ORDERING INFORMATION

595D TYPE	106 CAPACITANCE	X0 CAPACITANCE TOLERANCE	010 DC VOLTAGE RATING @ +85°C	A CASE CODE	2 TERMINATION	T PACKAGING
This is expressed in picofarads. The first two digits are the significant figures. The third is the number of zeros to follow.		X0 = ±20% X9 = ±10%	This is expressed in volts. To complete the three-digit block, zeros precede the voltage rating. A decimal point is indicated by an "R" (6R3 = 6.3 volts).	See Ratings and Case Codes Table.	2 = 100% Tin. 4 = Gold Plated. 8 = Solder Plated (60/40) Special Order.	T = Tape and Reel 7" [178mm] Reel W = 13" [330mm] Reel See Tape and Reel specifications.

NOTE: Preferred Tolerances and reel sizes are in bold.
We reserve the right to supply higher voltage ratings and tighter capacitance tolerance capacitors in the same case size. Voltage substitutions will be marked with the higher voltage rating.

DIMENSIONS in inches [millimeters]



CASE CODE	L (Max.)	W	H	A	B	D (Ref.)	J (Max.)
T	0.087 [2.2]	0.045 ± 0.012 [1.1 ± 0.3]	0.045 ± 0.012 [1.1 ± 0.3]	0.016 ± 0.008 [0.4 ± 0.2]	0.042 ± 0.010 [1.07 ± 0.25]	0.063 [1.6]	0.004 [0.1]
S	0.126 ± 0.008 [3.2 ± 0.2]	0.063 ± 0.008 [1.6 ± 0.2]	0.047 ± 0.008 [1.2 ± 0.2]	0.031 ± 0.012 [0.80 ± 0.30]	0.078 ± 0.012 [2.0 ± 0.3]	0.086 [2.2]	0.004 [0.1]
A	0.146 [3.7]	0.072 ± 0.012 [1.8 ± 0.3]	0.056 ± 0.012 [1.4 ± 0.3]	0.031 ± 0.012 [0.80 ± 0.30]	0.085 ± 0.016 [2.2 ± 0.4]	0.115 [2.9]	0.004 [0.1]
B	0.158 [4.0]	0.110 ± 0.012 - 0.016 [2.8 ± 0.3 - 0.4]	0.075 ± 0.012 - 0.014 [1.9 ± 0.3 - 0.6]	0.031 ± 0.012 [0.80 ± 0.30]	0.097 ± 0.016 [2.5 ± 0.4]	0.138 [3.5]	0.004 [0.1]
C	0.281 [7.1]	0.126 ± 0.012 [3.2 ± 0.3]	0.098 ± 0.012 [2.5 ± 0.3]	0.051 ± 0.012 [1.3 ± 0.30]	0.180 ± 0.024 [4.6 ± 0.6]	0.236 [6.0]	0.004 [0.1]
G	0.205 ± 0.016 [5.2 ± 0.4]	0.144 ± 0.016 [3.65 ± 0.4]	0.087 [2.2] Max	0.051 ± 0.012 [1.3 ± 0.3]	0.133 ± 0.016 [3.4 ± 0.4]	0.173 [4.4]	0.004 [0.1]
H	0.205 ± 0.016 [5.2 ± 0.4]	0.181 ± 0.016 [4.6 ± 0.4]	0.078 [2.0] Max	0.051 ± 0.012 [1.3 ± 0.30]	0.133 ± 0.016 [3.4 ± 0.4]	0.173 [4.4]	0.004 [0.1]
D	0.293 [7.5]	0.170 ± 0.012 [4.3 ± 0.3]	0.110 ± 0.012 [2.8 ± 0.3]	0.051 ± 0.012 [1.3 ± 0.30]	0.180 ± 0.024 [4.6 ± 0.6]	0.253 [6.4]	0.004 [0.1]
M	0.129 ± 0.012 [3.3 ± 0.3]	0.106 ± 0.012 [2.7 ± 0.3]	0.067 ± 0.012 [1.7 ± 0.3]	0.031 ± 0.012 [0.80 ± 0.3]	0.078 ± 0.012 [2.0 ± 0.3]	0.095 [2.5]	0.004 [0.1]
R	0.283 [7.2]	0.235 ± 0.012 [6.0 ± 0.3]	0.136 ± 0.012 [3.5 ± 0.3]	0.051 ± 0.012 [1.3 ± .30]	0.180 ± 0.024 [4.6 ± 0.6]	0.243 [6.2]	0.004 [0.1]

Note: The anode termination (D less B) will be a minimum of 0.010" [0.3mm]. T Case = .005" [0.13mm] minimum.