



**Surface Mount Tantalum Capacitors
TAJ Series, Specifications**



Part Number Determination

TAJC106K025R					
TAJ	C	106	K	025	R
TYPE	CASE CODE	CAPACITANCE CODE	TOLERANCE	VOLTAGE CODE	PACKAGING
Std Tantalum	A=3216 B=3528 C=6032 D=7343 E=7343H V=7361	in pF 2 significant digits and 3rd representing the number of zeros to follow	K=±10% M=±20%	002=2V 004=4V 006=6.3V 010=10V 016=16V 020=20V 025=25V 035=35V 050=50V	R=7" Reel S=13" Reel A=Gold Plating 7" Reel B=Gold Plating 13" Reel Y=Lead Free 7" Reel P=Lead Free 13" Reel

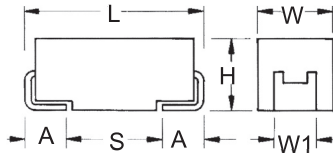
Electrical Characteristics

Capacitance Range: .1uF - 470uF
Voltage Range: 4 to 50V
Capacitance Tolerance: ±10%
Operating Temp. Range: -55 to 85°C
(to +125°C with voltage derating)

Package Dimensions (mm/in)

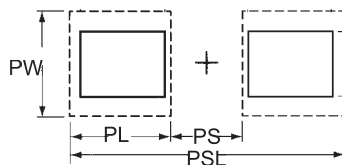
Case Code	EIA Code	L±0.2 (0.008)	W+0.2 (0.008) -0.1 (0.004)	H+0.2 (0.008) -0.1 (0.004)	W1±0.2 (0.008)	A+0.3 (0.012) -0.2 (0.008)	S Min.
A	3216-18	3.2 (0.126)	1.6 (0.063)	1.6 (0.063)	1.2 (0.047)	0.8 (0.031)	1.1 (0.043)
B	3528-21	3.5 (0.138)	2.8 (0.110)	1.9 (0.075)	2.2 (0.087)	0.8 (0.031)	1.4 (0.055)
C	6032-28	6.0 (0.236)	3.2 (0.126)	2.6 (0.102)	2.2 (0.087)	1.3 (0.051)	2.9 (0.114)
D	7343-31	7.3 (0.287)	4.3 (0.169)	2.9 (0.114)	2.4 (0.094)	1.3 (0.051)	4.4 (0.173)
E	7343-43	7.3 (0.287)	4.3 (0.169)	4.1 (0.162)	2.4 (0.094)	1.3 (0.051)	4.4 (0.173)
V	7361-38	7.3 (0.287)	6.10 (0.240)	3.45±0.30 (0.136±0.012)	3.10 (0.120)	1.40 (0.055)	4.40 (0.173)

W1 dimension applies to the termination width for A dimensional area only.



Land Pattern (in/mm)

Case Code	PSL	PL	PS	PW
A	0.157 (4.0)	0.054 (1.4)	0.039 (1.0)	0.071 (1.8)
B	0.157 (4.0)	0.054 (1.4)	0.047 (1.2)	0.110 (2.8)
C	0.256 (6.5)	0.079 (2.0)	0.098 (2.5)	0.110 (2.8)
D	0.315 (8.0)	0.079 (2.0)	0.157 (4.0)	0.119 (3.0)
E	0.315 (8.0)	0.079 (2.0)	0.157 (4.0)	0.119 (3.0)
V	0.315 (8.0)	0.079 (2.0)	0.157 (4.0)	0.145 (3.7)



Marking

Capacitance Value in pF
227=220uF

Rated Voltage
F=2V, G=4V, J=6.3V,
A=10V, C=16V, D=20V,
E=25V, V=35V, T=50V

2 Digit Batch ID Number

AVX Logo

Polarity Code
Anode

Year Code
M=2000, N=2001
P=2002, R=2003,
S=2004

Week Number

Mig Specs

- Go to www.garrettelec.com
- Enter part number or find by description
- Select "S", select "manufacturer's specifications"



Surface Mount Tantalum Capacitors
TAJ Series, Specifications & Pricing



Electrical Characteristics

Part Number	Case Size	Cap uF	DCL (uA) Max	DF % Max	ESR max (ohm) @100KHz	
4V	TAJA476K004R	A 3216	47	1.9	8	2.6
	TAJE158K004R	E 7343H	1500	60.0	30	0.2
6.3V	TAJA226K006R	A 3216	22	1.4	6	3.0
	TAJA336K006R	A 3216	33	2.1	8	2.5
	TAJB476K006R	B 3528	47	3.0	6	2.0
	TAJB686K006R	B 3528	68	4.3	8	1.8
	TAJC227K006R	C 6032	220	13.9	8	1.2
	TAJD477K006R	D 7343	470	29.6	12	0.9
	TAJE687K006R	E 7343H	680	27.2	14	0.9
	TAJA106K010R	A 3216	10	1.0	6	3.0
10V	TAJA156K010R	A 3216	15	1.5	6	3.2
	TAJA226K010R	A 3216	22	2.2	8	3.0
	TAJB336K010R	B 3528	33	3.3	6	1.8
	TAJC686K010R	C 6032	68	6.8	6	1.3
	TAJC107K010R	C 6032	100	10.0	8	1.2
	TAJC157K010R	C 6032	100	15	8	0.9
	TAJD227K010R	D 7343	220	22.0	8	0.9
	TAJD337K010R	D 7343	330	33.0	8	0.9
	TAJE337K010R	E 7343H	330	33.0	8	0.9
	TAJE477K010R	E 7343H	470	47.0	10	0.9
16V	TAJA105K016R	A 3216	1.0	0.5	4	11.0
	TAJA685K016R	A 3216	6.8	1.1	6	3.5
	TAJA106K016R	A 3216	10	1.6	8	3.0
	TAJB106K016R	B 3528	10	1.6	6	2.8
	TAJC106K016R	C 6032	10	1.6	6	2.0
	TAJB226K016R	B 3528	22	3.5	6	2.3
	TAJC226K016R	C 6032	22	3.5	6	1.6
	TAJB336K016R	B 3528	33	5.3	8	2.1
	TAJC476K016R	C 6032	47	7.5	6	1.4
	TAJD476K016R	D 7343	47	7.5	6	0.9
	TAJD686K016R	D 7343	68	10.9	6	0.9
	TAJD107K016R	D 7343	100	16.0	6	0.9
	TAJD157K016R	D 7343	150	24	6	0.9
	TAJE227K016R	E 7343H	220	35.2	10	0.5
20V	TAJA105K020R	A 3216	1.0	0.5	4	9.0
	TAJA155K020R	A 3216	1.5	0.5	6	6.5
	TAJA335K020R	A 3216	3.3	0.7	6	4.5
	TAJA475K020R	A 3216	4.7	0.9	6	4.0
	TAJB685K020R	B 3528	6.8	1.4	6	2.5
	TAJC685K020R	C 6032	6.8	1.4	6	2.0

Part Number	Case Size	Cap uF	DCL (uA) Max	DF % Max	ESR max (ohm) @ 100KHz	
20V	TAJB106K020R	B 3528	10	2.0	6	2.1
	TAJB156K020R	B 3528	15	3.0	6	2.0
	TAJB226K020R	B 3528	22	4.4	6	1.8
	TAJC226K020R	C 6032	22	4.4	6	1.6
	TAJC336K020R	C 6032	33	6.6	6	1.5
	TAJD336K020R	D 7343	33	6.6	6	0.9
	TAJD107K020R	D 7343	100	20.0	6	0.9
	TAJE107K020R	E 7343H	100	20.0	6	0.9
25V	TAJE157K020R	E 7343H	150	30	8	0.3
	TAJA225K025R	A 3216	2.2	0.6	6	7.0
	TAJB475K025R	B 3528	4.7	1.2	6	2.8
	TAJB685K025R	B 3528	6.8	1.7	6	2.8
	TAJC226K025R	C 6032	22	5.5	6	1.4
	TAJD226K025R	D 7343	22	5.5	6	0.9
	TAJD476K025R	D 7343	47	11.8	6	0.9
	TAJE686K025R	E 7343H	68	17	6	0.9
35V	TAJA105K035R	A 3216	1.0	0.5	4	7.5
	TAJB105K035R	B 3528	1.0	0.5	4	6.5
	TAJA155K035R	A 3216	1.5	0.5	6	7.5
	TAJB155K035R	B 3528	1.5	0.5	6	5.2
	TAJC155K035R	C 6032	1.5	0.5	6	4.5
	TAJB225K035R	B 3528	2.2	0.8	6	4.2
	TAJC225K035R	C 6032	2.2	0.8	6	3.5
	TAJB335K035R	B 3528	3.3	1.2	6	3.5
	TAJC335K035R	C 6032	3.3	1.2	6	2.5
	TAJB475K035R	B 3528	4.7	1.6	6	3.1
	TAJC475K035R	C 6032	4.7	1.6	6	2.2
	TAJD475K035R	D 7343	4.7	1.6	6	1.5
	TAJC685K035R	C 6032	6.8	2.4	6	1.8
	TAJD685K035R	D 7343	6.8	2.4	6	1.3
TAJC106K035R	C 6032	10	3.5	6	1.6	
50V	TAJD106K035R	D 7343	10	3.5	6	1.0
	TAJD156K035R	C 6032	15	5.3	6	1.4
	TAJD156K035R	D 7343	15	5.3	6	0.9
	TAJD226K035R	D 7343	22	7.7	6	0.9
	TAJE226K035R	E 7343H	22	7.7	6	0.9
	TAJD336K035R	D 7343	33	11.6	6	0.9
	TAJA104K050R	A 3216	.1	0.5	4	22.0
	TAJC105K050R	C 6032	1.0	0.5	4	5.5
	TAJD335K050R	D 7343	3.3	1.7	6	2.0
	TAJD475K050R	D 7343	4.7	2.4	6	1.4
TAJD685K050R	D 7343	6.8	3.4	6	1.0	

