#### **Molded, Axial Lead, Solid Tantalum Capacitors**



The Type TAC molded solid tantalum capacitor is great for putting a lot of capacitance in a small space in a high temperature application. The TAC is constructed in a shock and vibration resistant, flame retardant, rugged, precision molded case that is tapered on one end for polarity identification and available on tape and reel.

### **Highlights**

- Precision Molded
- Flame Retardant
- Tapered for Polarity Indentification
- Highest CV per Case Size
- Miniature Sizes
- Highly Resistant to Shock and Vibration

#### **Specifications**

**Capacitance Range:** 0.10 μF to 330 μF

Voltage Range: 6 WVdc to 50 WVdc at 85 °C

**Tolerance:** ±10% Standard (±5% by special order) **Operating Temperature Range:** -55 °C to +125 °C (with proper derating)

Reverse Voltage: 15% of rated voltage @ 25 °C

5% of rated voltage @ 85 °C 1% of rated voltage @ 125 °C

Capacitance Change Maximum: -10% @ -55 °C

+10% @ +85 °C

+12% @ +125 °C

**Reel Packaging per EIA- RS-296:** 

Case	
Code	Quantity
1	4500 per 12" Reel
2	4000 per 12" Reel
5 & 6	2500 per 12" Reel
7 & 8	500 per 12" Reel

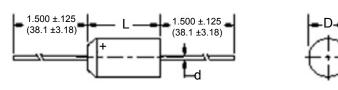
### **Part Numbering System -**

TAC	107	K	006	P	0	8
					Molded	Case
Type	Capacitance	Tolerance	Voltage	Polar	Case	Code
TAC	<b>394</b> = $0.39 \mu F$	$J = \pm 5\%$	<b>006</b> = 6 Vdc	P = Polar	0	1
	<b>105</b> = 1.0 μF	$K = \pm 10\%$	<b>010</b> = 10 Vdc			2
	<b>225</b> = 2.2 μF		<b>015</b> = 15 dc			5
	<b>186</b> = 18 μF		<b>020</b> = 20 Vdc			6
	<b>107</b> = 100 μF		<b>025</b> = 25 Vdc			7
			<b>035</b> = 35 Vdc			8
			<b>050</b> = 50 Vdc			

# **Type TAC Solid Tantalum Capacitors**

## **Capacitor Outline Drawing**

Inches (Millimeters)



Case Code	D (Max)	L (Max)	d
1	.095 (2.41)	.260 (6.6)	.020 (.51)
2	.110 (2.79)	.290 (7.37)	.020 (.51)
5	.180 (4.57)	.345 (8.76)	.020 (.51)
6	.180 (4.57)	.420 (10.67)	.020 (.51)
7	.280 (7.11)	.530 (13.46)	.025 (.64)
8	.300 (7.62)	.710 (18.03)	.025 (.64)

#### Ratings -

Catalog (μF)         Catalog Part Number         Case Oct (μA)         Max (μA) (ψF)         Catalog (ψF)         Catalog (ψF)         Catalog (ψF)         Catalog (ψF)         Catalog (ψF)         Catalog (ψF)         Case (ψF)         Catalog (ψF)         Case (ψF)         Catalog (ψF)         Case (ψF)         Catalog (ψF)         Case (ψF)         Case (ψF)         Catalog (ψF)         Case (ψF)         Catalog (ψF)         Case (ψF)         Case (ψF)         Catalog (ψF)         Case (ψF)         Catalog (ψF)         Case (ψF)         Catalog (ψF)         Catalog (ψF)         Case (ψF)         Catalog (ψF)         Catal			1		1					
Code				Max	Max					
(µF) 6 WVdc @ 85 °C 4 WVdc @ 125 °C 3.3 TAC335K006P01 1 0.5 4 15 TAC156K010P05 5 4.7 TAC475K006P01 1 0.5 4 18 TAC186K010P05 5 5.6 TAC266K006P02 2 0.5 6 8.2 TAC826K006P02 2 0.5 6 10 TAC107K006P02 2 0.5 6 11 TAC136K006P02 2 0.5 6 12 TAC126K06P02 2 0.5 6 13 TAC395K006P02 1 0.5 6 14 TAC106K006P02 2 0.5 6 15 TAC156K006P02 2 0.5 6 16 TAC366K006P02 2 0.5 6 17 TAC106K006P02 2 0.5 6 18 TAC186K006P02 2 0.5 6 18 TAC186K006P02 2 0.5 6 19 TAC106K006P02 2 0.5 6 10 TAC106K006P02 2 0.6 6 11 TAC136K006P02 2 0.7 6 68 TAC366K010P07 7 12 TAC126K006P05 5 0.9 6 13 TAC366K006P05 5 1.1 6 14 TAC136K006P05 5 1.3 6 120 TAC107K010P07 7 15 TAC136K006P05 5 1.3 6 120 TAC107K010P07 7 16 TAC336K006P05 5 1.3 6 120 TAC127K010P07 7 17 TAC396K006P06 6 1.9 6 180 TAC187K010P07 7 18 TAC186K006P06 6 2.3 6 180 TAC187K010P08 8 10 TAC167K006P07 7 3.9 8 120 TAC127K010P07 7 18 TAC176K006P06 6 2.3 6 180 TAC187K010P08 8 10 TAC177K006P07 7 5.0 8 120 TAC127K010P07 7 15 TAC127K006P07 7 5.0 8 180 TAC187K010P07 7 10.0 8 180 TAC187K010P07 7 10.0 8 180 TAC187K006P07 7 8 6 8 180 TAC187K010P08 8 10.0 8 10		Catalog	Case	DCL	DF %			Catalog	Case	
6 WVdc @ 85 °C           4 WVdc @ 125 °C           3.3         TAC335K006P01         1         0.5         4           3.9         TAC395K006P01         1         0.5         4           4.7         TAC475K006P01         1         0.5         4           4.7         TAC475K006P01         1         0.5         4           4.7         TAC475K006P02         2         0.5         6           6.8         TAC685K006P02         2         0.5         6           8.2         TAC226K006P02         2         0.5         6           10         TAC106K006P02         2         0.5         6         47         TAC476K010P06         6           12         TAC126K006P02         2         0.5         6         47         TAC476K010P06         6           15         TAC156K006P02         2         0.6         6         56         TAC566K010P07         7           15         TAC156K006P02         2         0.7         6         68         TAC686K010P07         7           18         TAC186K006P05         5         1.1         6         150         TAC127K010P07         7	Сар	Part Number	Code	@ +25 °C	@ +25 °C	(	Сар	Part Number	Code	@
3.3 TAC335K006P01 1 0.5 4 18 TAC156K010P05 5 5 6 TAC566K006P01 1 0.5 4 18 TAC276K010P05 5 5 6 TAC565K006P02 2 0.5 6 10 TAC106K006P02 2 0.5 6 6 TAC566K006P02 2 0.5 6 6 TAC566K006P02 2 0.5 6 6 TAC166K006P02 2 0.5 6 7 TAC126K006P02 2 0.5 6 7 TAC166K006P02 2 0.5 6 7 TAC166K006P02 2 0.7 6 6 7 TAC166K006P05 5 0.9 6 7 TAC166K006P05 5 0.9 6 7 TAC166K006P05 5 1.3 6 7 TAC166K006P05 6 7 TAC166K006P05 6 1.9 6 150 TAC167K010P07 7 7 7 TAC176K006P05 6 1.9 6 150 TAC167K010P07 7 7 7 TAC176K006P06 6 2.3 6 150 TAC167K010P07 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(μ <b>F</b> )			(μΑ)	120 Hz	] [	(μF)			
3.3 TAC335K006P01 1 0.5 4 18 TAC156K010P05 5 5 1.4 1.7 TAC475K006P02 2 0.5 4 22 TAC226K010P06 6 6 6 8.2 TAC865K006P02 2 0.5 6 6 33 TAC336K006P02 2 0.5 6 6 10 TAC106K006P02 2 0.5 6 6 12 TAC126K006P02 2 0.5 6 6 12 TAC126K006P02 2 0.5 6 6 12 TAC126K006P02 2 0.5 6 6 13 TAC136K006P02 2 0.5 6 6 12 TAC126K006P02 2 0.5 6 6 12 TAC126K006P02 2 0.7 6 6 8 TAC566K010P07 7 6 6 8 TAC366K010P07 7 7 6 6 8 TAC366K010P07 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		6 WVdd	@ 85 °	C				10 WVd	c @ 85	°C
3.9 TAC395K006P01 1 0.5 4 18 TAC186K010P05 5 4.7 TAC475K006P01 1 0.5 4 22 TAC226K010P05 5 5.6 TAC565K006P02 2 0.5 4 27 TAC226K010P06 6 6.8 TAC685K006P02 2 0.5 6 33 TAC336K010P06 6 8.2 TAC825K006P02 2 0.5 6 33 TAC336K010P06 6 10 TAC106K006P02 2 0.5 6 6 47 TAC476K010P06 6 11 TAC106K006P02 2 0.6 6 56 TAC566K010P07 7 12 TAC125K006P02 2 0.7 6 6 8 TAC686K010P07 7 13 TAC186K006P05 5 0.9 6 82 TAC826K010P07 7 14 TAC276K006P05 5 1.1 6 100 TAC107K010P07 7 15 TAC396K006P05 5 1.3 6 120 TAC127K010P07 7 16 TAC396K006P06 6 1.9 6 180 TAC187K010P07 7 17 TAC396K006P06 6 2.3 6 120 TAC127K010P07 7 18 TAC476K006P06 6 2.3 6 120 TAC127K010P07 7 18 TAC476K006P06 6 2.3 6 120 TAC127K010P07 7 15 TAC156K006P07 7 3.9 8 1.5 TAC155K015P01 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4 WVdc	@ 125	°C	7 WVdc @ 125 °				°C	
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18	12	TAC126K006P02	2	0.6	6		56	TAC566K010P07	7	
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39       TAC396K006P06       6       1.9       6       47       TAC476K006P06       6       2.3       6       220       TAC27K010P08       8         56       TAC566K006P06       6       2.7       6       15 WVdc @ 85 °C         68       TAC686K006P06       6       3.3       6       15 WVdc @ 85 °C         82       TAC826K006P07       7       3.9       8       1.5       TAC155K015P01       1         100       TAC107K006P07       7       5.0       8       1.8       TAC185K015P01       1         120       TAC127K006P07       7       5.0       8       1.8       TAC185K015P01       1         150       TAC187K006P07       7       5.0       8       3.3       TAC335K015P02       2         180       TAC27K006P07       7       3.0       8       1.8       TAC185K015P01       1         220       TAC227K006P07       7       3.6       8       3.3       TAC335K015P02       2         270       TAC277K006P08       8       10.0       8       4.7       TAC475K015P02       2         2.2       TAC225K010P01       1       0.5       4       10	27	TAC276K006P05	5	1.3	6	•	120	TAC127K010P07	7	
47 TAC476K006P06 6 2.3 6 2.3 6 56 TAC566K006P06 6 2.7 6 68 TAC566K006P06 6 3.3 6 15 WVdc @ 85 °C 10 WVdc @ 125 °C 10 TAC16K015P05 10 10 TAC106K015P05 10 10 TAC106K015P06 10 10 TAC106K015P07 10 TAC106K010P02 10 TAC106K015P07 10 TAC106K010P02 10 TAC106K015P07 10 TAC106K010P07 1	33	TAC336K006P05	5	1.5	6	-	150	TAC157K010P07	7	
56         TAC566K006P06         6         2.7         6           68         TAC686K006P06         6         3.3         6           82         TAC826K006P07         7         3.9         8           100         TAC107K006P07         7         4.8         8           120         TAC127K006P07         7         5.0         8           150         TAC157K006P07         7         5.0         8           180         TAC187K006P07         7         5.0         8           220         TAC277K006P07         7         10.0         8           220         TAC277K006P07         7         10.0         8           330         TAC37K006P08         8         10.0         8           330         TAC37K006P08         8         10.0         8           4         7         TAC475K015P02         2           2         7         WVdc @ 85 °C         6           7         WVdc @ 125 °C           2.2         TAC225K010P01         1         0.5         4           2.7         TAC225K010P01         1         0.5         4           3.3         TAC335K010P01 <th< td=""><td>39</td><td>TAC396K006P06</td><td>6</td><td>1.9</td><td>6</td><td>    -</td><td>180</td><td>TAC187K010P08</td><td>8</td><td></td></th<>	39	TAC396K006P06	6	1.9	6	-	180	TAC187K010P08	8	
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120       TAC127K006P07       7       5.0       8       2.2       TAC225K015P01       1         150       TAC157K006P07       7       5.0       8       2.7       TAC275K015P02       2         180       TAC187K006P07       7       10.0       8       3.3       TAC335K015P02       2         220       TAC227K006P08       8       10.0       8       3.9       TAC395K015P02       2         230       TAC337K006P08       8       10.0       8       4.7       TAC475K015P02       2         330       TAC337K006P08       8       10.0       8       5.6       TAC565K015P02       2         330       TAC337K006P08       8       10.0       8       5.6       TAC565K015P02       2         330       TAC337K006P08       8       10.0       8       5.6       TAC565K015P02       2         2       TAC237K006P08       8       10.0       8       5.6       TAC565K015P02       2         2.7       TAC237K006P08       8       10.0       8       5.6       TAC565K015P02       2         2.2       TAC225K010P01       1       0.5       4       12       TAC16K015P05       5     <	82	TAC826K006P07	7	3.9	8		1.5	TAC155K015P01	1	
150 TAC157K006P07 7 5.0 8 180 TAC187K006P07 7 8.6 8 220 TAC227K006P07 7 10.0 8 220 TAC227K006P08 8 10.0 8 3.9 TAC395K015P02 2 330 TAC337K006P08 8 10.0 8  10 WVdc @ 85 °C 7 WVdc @ 125 °C  2.2 TAC225K010P01 1 0.5 4 2.7 TAC275K015P05 5 3.3 TAC335K010P01 1 0.5 4 10 TAC106K015P05 5 3.9 TAC395K010P02 2 0.5 4 17 TAC475K010P02 2 0.5 4 18 TAC186K015P06 6 18 TAC685K010P02 2 0.5 4 19 TAC276K015P06 6 10 TAC276K015P06 6 10 TAC396K015P06 6 11 TAC396K015P06 6 12 TAC276K015P06 6 13 TAC396K015P06 7 10 TAC106K010P02 2 0.8 6 47 TAC476K015P07 7	100	TAC107K006P07	7	4.8	8		1.8	TAC185K015P01	1	
180       TAC187K006P07       7       8.6       8         220       TAC227K006P07       7       10.0       8         270       TAC277K006P08       8       10.0       8         330       TAC337K006P08       8       10.0       8         330       TAC337K006P08       8       10.0       8         4       10       WVdc @ 85 °C       6.8       TAC565K015P02       2         7       WVdc @ 125 °C       8.2       TAC825K015P05       5         2.2       TAC225K010P01       1       0.5       4       10       TAC106K015P05       5         2.7       TAC275K010P01       1       0.5       4       12       TAC126K015P05       5         3.3       TAC335K010P01       1       0.5       4       15       TAC156K015P05       5         3.9       TAC395K010P02       2       0.5       4       18       TAC166K015P05       5         3.9       TAC395K010P02       2       0.5       4       18       TAC26K015P06       6         4.7       TAC475K010P02       2       0.5       4       27       TAC276K015P06       6         5.6       TAC825K010P	120	TAC127K006P07	7	5.0	8		2.2	TAC225K015P01	1	
220       TAC227K006P07       7       10.0       8       3.9       TAC395K015P02       2         270       TAC277K006P08       8       10.0       8       4.7       TAC475K015P02       2         330       TAC337K006P08       8       10.0       8       5.6       TAC565K015P02       2         10 WVdc @ 85 °C       7 WVdc @ 125 °C       6.8       TAC685K015P02       2         2.2       TAC225K010P01       1       0.5       4       10       TAC106K015P05       5         2.7       TAC335K010P01       1       0.5       4       12       TAC126K015P05       5         3.9       TAC395K010P02       2       0.5       4       18       TAC186K015P06       6         4.7       TAC475K010P02       2       0.5       4       22       TAC226K015P06       6         5.6       TAC865K010P02       2       0.5       4       27       TAC276K015P06       6         8.2       TAC825K010P02       2       0.5       6       33       TAC396K015P07       7         10       TAC106K010P02       2       0.8	150	TAC157K006P07	7	5.0	8		2.7	TAC275K015P02	2	
270       TAC277K006P08       8       10.0       8       4.7       TAC475K015P02       2         330       TAC337K006P08       8       10.0       8       5.6       TAC565K015P02       2         10 WVdc @ 85 °C       6.8       TAC685K015P02       2         7 WVdc @ 125 °C       8.2       TAC825K015P05       5         2.2       TAC225K010P01       1       0.5       4       10       TAC106K015P05       5         2.7       TAC275K010P01       1       0.5       4       12       TAC126K015P05       5         3.3       TAC335K010P01       1       0.5       4       15       TAC156K015P05       5         3.9       TAC395K010P02       2       0.5       4       18       TAC186K015P06       6         4.7       TAC475K010P02       2       0.5       4       22       TAC226K015P06       6         5.6       TAC565K010P02       2       0.5       4       27       TAC276K015P06       6         8.2       TAC825K010P02       2       0.5       6       33       TAC396K015P07       7         10       TAC106K010P02       2       0.8       6	180	TAC187K006P07	7	8.6	8		3.3	TAC335K015P02	2	
330 TAC337K006P08 8 10.0 8 5.6 TAC565K015P02 2 10 WVdc @ 85 °C	220	TAC227K006P07	7	10.0	8		3.9	TAC395K015P02	2	
10 WVdc @ 85 °C 7 WVdc @ 125 °C  2.2 TAC225K010P01 1 0.5 4 10 TAC106K015P05 5 2.7 TAC275K010P01 1 0.5 4 12 TAC126K015P05 5 3.3 TAC335K010P01 1 0.5 4 15 TAC156K015P05 5 3.9 TAC395K010P02 2 0.5 4 18 TAC186K015P06 6 4.7 TAC475K010P02 2 0.5 4 22 TAC226K015P06 6 5.6 TAC565K010P02 2 0.5 4 27 TAC276K015P06 6 6.8 TAC685K010P02 2 0.5 6 33 TAC336K015P06 6 8.2 TAC825K010P02 2 0.8 6 47 TAC476K015P07 7	270	TAC277K006P08	8	10.0	8		4.7	TAC475K015P02	2	
7 WVdc @ 125 °C         2.2 TAC225K010P01       1       0.5       4       10       TAC106K015P05       5         2.7 TAC275K010P01       1       0.5       4       12       TAC126K015P05       5         3.3 TAC335K010P01       1       0.5       4       15       TAC156K015P05       5         3.9 TAC395K010P02       2       0.5       4       18       TAC186K015P06       6         4.7 TAC475K010P02       2       0.5       4       22       TAC226K015P06       6         5.6 TAC565K010P02       2       0.5       4       27       TAC276K015P06       6         6.8 TAC685K010P02       2       0.5       6       33       TAC336K015P06       6         8.2 TAC825K010P02       2       0.7       6       39       TAC396K015P07       7         10 TAC106K010P02       2       0.8       6       47       TAC476K015P07       7	330	TAC337K006P08	8	10.0	8		5.6	TAC565K015P02	2	
2.2       TAC225K010P01       1       0.5       4       10       TAC106K015P05       5         2.7       TAC275K010P01       1       0.5       4       12       TAC126K015P05       5         3.3       TAC335K010P01       1       0.5       4       15       TAC156K015P05       5         3.9       TAC395K010P02       2       0.5       4       18       TAC186K015P06       6         4.7       TAC475K010P02       2       0.5       4       22       TAC226K015P06       6         5.6       TAC565K010P02       2       0.5       4       27       TAC276K015P06       6         6.8       TAC685K010P02       2       0.5       6       33       TAC336K015P06       6         8.2       TAC825K010P02       2       0.7       6       39       TAC396K015P07       7         10       TAC106K010P02       2       0.8       6       47       TAC476K015P07       7			_				6.8	TAC685K015P02	2	
2.7 TAC275K010P01 1 0.5 4 12 TAC126K015P05 5 3.3 TAC335K010P01 1 0.5 4 15 TAC156K015P05 5 3.9 TAC395K010P02 2 0.5 4 18 TAC186K015P06 6 4.7 TAC475K010P02 2 0.5 4 22 TAC226K015P06 6 5.6 TAC565K010P02 2 0.5 4 27 TAC276K015P06 6 6 6.8 TAC685K010P02 2 0.5 6 33 TAC336K015P06 6 8.2 TAC825K010P02 2 0.7 6 39 TAC396K015P07 7 10 TAC106K010P02 2 0.8 6 47 TAC476K015P07 7		7 WVdc	@ 125	°C			8.2	TAC825K015P05	5	
3.3 TAC335K010P01 1 0.5 4 15 TAC156K015P05 5 3.9 TAC395K010P02 2 0.5 4 18 TAC186K015P06 6 4.7 TAC475K010P02 2 0.5 4 22 TAC226K015P06 6 5.6 TAC565K010P02 2 0.5 4 27 TAC276K015P06 6 6.8 TAC685K010P02 2 0.5 6 33 TAC336K015P06 6 8.2 TAC825K010P02 2 0.7 6 39 TAC396K015P07 7 10 TAC106K010P02 2 0.8 6 47 TAC476K015P07 7	2.2	TAC225K010P01	1	0.5	4		10	TAC106K015P05	5	
3.9     TAC395K010P02     2     0.5     4     18     TAC186K015P06     6       4.7     TAC475K010P02     2     0.5     4     22     TAC226K015P06     6       5.6     TAC565K010P02     2     0.5     4     27     TAC276K015P06     6       6.8     TAC685K010P02     2     0.5     6     33     TAC336K015P06     6       8.2     TAC825K010P02     2     0.7     6     39     TAC396K015P07     7       10     TAC106K010P02     2     0.8     6     47     TAC476K015P07     7	1	TAC275K010P01	1	0.5	4		12	TAC126K015P05	5	
4.7     TAC475K010P02     2     0.5     4     22     TAC226K015P06     6       5.6     TAC565K010P02     2     0.5     4     27     TAC276K015P06     6       6.8     TAC685K010P02     2     0.5     6     33     TAC336K015P06     6       8.2     TAC825K010P02     2     0.7     6     39     TAC396K015P07     7       10     TAC106K010P02     2     0.8     6     47     TAC476K015P07     7	3.3	TAC335K010P01	1	0.5	4		15	TAC156K015P05	5	
5.6       TAC565K010P02       2       0.5       4       27       TAC276K015P06       6         6.8       TAC685K010P02       2       0.5       6       33       TAC336K015P06       6         8.2       TAC825K010P02       2       0.7       6       39       TAC396K015P07       7         10       TAC106K010P02       2       0.8       6       47       TAC476K015P07       7	3.9	TAC395K010P02	2	0.5	4		18	TAC186K015P06	6	
6.8 TAC685K010P02 2 0.5 6 33 TAC336K015P06 6 8.2 TAC825K010P02 2 0.7 6 39 TAC396K015P07 7 10 TAC106K010P02 2 0.8 6 47 TAC476K015P07 7							22	TAC226K015P06	6	
8.2 TAC825K010P02 2 0.7 6 39 TAC396K015P07 7 10 TAC106K010P02 2 0.8 6 47 TAC476K015P07 7	5.6	TAC565K010P02	2	0.5	4		27	TAC276K015P06	6	
10 TAC106K010P02 2 0.8 6 47 TAC476K015P07 7	6.8	TAC685K010P02		0.5	6		33	TAC336K015P06	6	
	8.2	TAC825K010P02	2	0.7	6		39	TAC396K015P07	7	
12 TAC126K010P05 5 1.0 6 56 TAC566K015P07 7	10	TAC106K010P02	2	8.0	6		47	TAC476K015P07	7	
	12	TAC126K010P05	5	1.0	6		56	TAC566K015P07	7	

			Max	Max				
	Catalog	Case	DCL	DF %				
Сар	Part Number	Code	@ +25 °C	@ +25 °C				
μF)			(µA)	120 Hz				
	10 WVd	c @ 85	°C					
7 WVdc @ 125 °C								
15	TAC156K010P05	5	1.2	6				
18	TAC186K010P05	5	1.4	6				
22	TAC226K010P05	5	1.5	6				
27	TAC276K010P06	6	2.2	6				
33	TAC336K010P06	6	2.6	6				
39	TAC396K010P06	6	3.1	6				
47	TAC476K010P06	6	3.8	6				
56	TAC566K010P07	7	4.4	6				
68	TAC686K010P07	7	5.0	6				
82	TAC826K010P07	7	5.0	8				
100	TAC107K010P07	7	8.0	8				
120	TAC127K010P07	7	9.6	8				
150	TAC157K010P07	7	10.0	8				
180	TAC187K010P08	8	10.0	8				
220	TAC227K010P08	8	10.0	8				
	15 WVd	с @ 85	°C					
	10 WVdd	@ 125	5 °C					
1.5	TAC155K015P01	1	0.5	4				
1.8	TAC185K015P01	1	0.5	4				
2.2	TAC225K015P01	1	0.5	4				
2.7	TAC275K015P02	2	0.5	4				
3.3	TAC335K015P02	2	0.5	4				
3.9	TAC395K015P02	2	0.5	4				
4.7	TAC475K015P02	2	0.6	4				
5.6	TAC565K015P02	2	0.7	4				
6.8	TAC685K015P02	2	8.0	6				
8.2	TAC825K015P05	5	1.0	6				
10	TAC106K015P05	5	1.2	6				
12	TAC126K015P05	5	1.4	6				
15	TAC156K015P05	5	1.5	6				
18	TAC186K015P06	6	2.2	6				
22	TAC226K015P06	6	2.6	6				
27	TAC276K015P06	6	3.2	6				
33	TAC336K015P06	6	4.0	6				
39	TAC396K015P07	7	4.7	6				
47	TAC476K015P07	7	5.0	6				
56	TAC566K015P07	7	6.7	6				

CDE reserves the right to substitute a tighter tolerance, higher voltage capacitor within the same case size.

## **Ratings**

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			Max	Max				
	Catalog	Case	DCL	DF %				
Cap	Part Number	Code	@ +25 °C	@ +25 °C				
(µF)			(µA)	120 Hz				
	15 WVdc @ 85 °C							
	10 WVd	c @ 125	°C					
68	TAC686K015P07	7	8.2	6				
82	TAC826K015P07	7	9.8	8				
100	TAC107K015P07	7	10.0	8				
120	TAC127K015P08	8	10.0	8				
150	TAC157K015P08	8	10.0	8				
	20 WV	lc @ 85 '	C					
	13 WVd	c @ 125	°C					
1	TAC105K020P01	1	0.5	4				
1.2	TAC125K020P01	1	0.5	4				
1.5	TAC155K020P01	1	0.5	4				
1.8	TAC185K020P02	2	0.5	4				
2.2	TAC225K020P02	2	0.5	4				
2.7	TAC275K020P02	2	0.5	4				
3.3	TAC335K020P02	2	0.5	4				
3.9	TAC395K020P02	2	0.6	4				
4.7	TAC475K020P02	2	8.0	4				
5.6	TAC565K020P05	5	0.9	4				
6.8	TAC685K020P05	5	1.1	6				
8.2	TAC825K020P05	5	1.3	6				
10	TAC106K020P05	5	1.6	6				
12	TAC126K020P06	6	1.9	6				
15	TAC156K020P06	6	2.4	6				
18	TAC186K020P06	6	2.9	6				
22	TAC226K020P06	6	3.5	6				
27	TAC276K020P07	7	4.3	6				
33	TAC336K020P07	7	5.0	6				
39	TAC396K020P07	7	6.2	6				
47	TAC476K020P07	7	7.5	6				
56	TAC566K020P07	7	8.9	6				
68	TAC686K020P07	7	10.0	6				
82	TAC826K020P08	8	10.0	8				
100	TAC107K020P08	8	10.0	8				
	25 WV	lc @ 85 °	C					
	17 WVd	c @ 125	°C					
0.47	TAC474K025P01	1	0.5	3				
0.56	TAC564K025P01	1	0.5	3				
0.68	TAC684K025P01	1	0.5	3				
0.82	TAC824K025P01	1	0.5	3				
1.0	TAC105K025P01	1	0.5	3				
1.2	TAC125K025P02	2	0.5	3				
1.5	TAC155K025P02	2	0.5	3				
1.8	TAC185K025P02	2	0.5	3				
2.2	TAC225K025P02	2	0.5	3				
2.7	TAC275K025P02	2	0.5	3				

	Т	1	1	1					
			Max	Max					
	Catalog	Case	DCL	DF %					
Cap	Part Number	Code	@ +25 °C	@ +25 °C					
(μ <b>F</b> )			(µA)	120 Hz					
	25 WVdc @ 85 °C								
	17 WVdc	@ 125	°C						
3.3	TAC335K025P02	2	0.7	3					
3.9	TAC395K025P05	5	8.0	3					
4.7	TAC475K025P05	5	0.9	4					
5.6	TAC565K025P05	5	1.1	4					
6.8	TAC685K025P05	5	1.4	4					
8.2	TAC825K025P05	5	1.5	4					
10	TAC106K025P05	5	1.5	4					
12	TAC126K025P06	6	2.4	4					
15	TAC156K025P06	6	3.0	4					
18	TAC186K025P07	7	3.6	6					
22	TAC226K025P07	7	4.4	6					
27	TAC276K025P07	7	5.4	6					
33	TAC336K025P07	7	6.6	6					
39	TAC396K025P07	7	7.8	6					
47	TAC476K025P07	7	9.4	6					
56	TAC566K025P08	8	10	6					
68	TAC686K025P08	8	10	6					
	35 WVdd	_							
	23 WVdc			,					
0.10	TAC104K035P01	1	0.5	3					
0.12	TAC124K035P01	1	0.5	3					
0.15	TAC154K035P01	1	0.5	3					
0.18	TAC184K035P01	1	0.5	3					
0.22	TAC224K035P01	1	0.5	3					
0.27	TAC274K035P01	1	0.5	3					
0.33	TAC334K035P01	1	0.5	3					
0.39	TAC394K035P01	1	0.5	3					
0.47	TAC474K035P01	1	0.5	3					
0.56	TAC564K035P02	2	0.5	3					
0.68	TAC684K035P02	2	0.5	3					
0.82	TAC824K035P02	2	0.5	3					
1.0	TAC105K035P02	2	0.5	3					
1.2	TAC125K035P02	2	0.5	3					
1.5	TAC155K035P02	2	0.5	3					
1.8	TAC185K035P05	5	0.5	3					
2.2	TAC225K035P05	5	0.6	3					
2.7	TAC275K035P05	5	8.0	3					
3.3	TAC335K035P05	5	0.9	4					
3.9	TAC395K035P05	5	1.1	4					
4.7	TAC475K035P05	5	1.3	4					
5.6	TAC565K035P06	6	1.6	4					
6.8	TAC685K035P06	6	1.9	4					
8.2	TAC825K035P06	6	2.3	4					
10	TAC106K035P06	6	2.8	4					

CDE reserves the right to substitute a tighter tolerance, higher voltage capacitor within the same case size.

### **Type TAC Solid Tantalum Capacitors**

#### Ratings

- Tatii	- 3-								
			Max	Max					
	Catalog	Case	DCL	DF %					
Сар	Part Number	Code	@ +25 °C	@ +25 °C					
(µF)			(µA)	120 Hz					
	35 WVdc @ 85 °C								
	23 WVdd	@ 125	°C						
12	TAC126K035P07	7	3.3	4					
15	TAC156K035P07	7	4.2	6					
18	TAC186K035P07	7	5.0	6					
22	TAC226K035P07	7	6.2	6					
27	TAC276K035P07	7	7.5	6					
33	TAC336K035P07	7	9.2	6					
39	TAC396K035P08	8	10	6					
47	TAC476K035P08	8	10	6					
	50 WVd	c @ 85 °	C						
	33 WVdd	@ 125	°C						
0.10	TAC104K050P01	1	0.5	3					
0.12	TAC124K050P01	1	0.5	3					
0.15	TAC154K050P01	1	0.5	3					
0.18	TAC184K050P01	1	0.5	3					
0.22	TAC224K050P01	1	0.5	3					
0.27	TAC274K050P01	1	0.5	3					
0.33	TAC334K050P02	2	0.5	3					
0.39	TAC394K050P02	2	0.5	3					
0.47	TAC474K050P02	2	0.5	3					
0.56	TAC564K050P02	2	0.5	3					

Cap (µF)	Catalog Part Number	Case Code	Max DCL @ +25 °C (μA)	Max DF % @ +25 °C 120 Hz
	50 WVdd	@ 85 °C	C	
	33 WVdc	@ 125 °	C	
0.68	TAC684K050P02	2	0.5	3
0.82	TAC824K050P02	2	0.5	3
1.0	TAC105K050P02	2	0.5	3
1.2	TAC125K050P05	5	0.5	3
1.5	TAC155K050P05	5	0.6	4
1.8	TAC185K050P05	5	0.7	4
2.2	TAC225K050P05	5	0.9	4
2.7	TAC275K050P06	6	1.1	4
3.3	TAC335K050P06	6	1.3	4
3.9	TAC395K050P06	6	1.6	4
4.7	TAC475K050P06	6	1.9	4
5.6	TAC565K050P07	7	2.2	4
6.8	TAC685K050P07	7	2.7	4
8.2	TAC825K050P07	7	3.2	4
10	TAC106K050P07	7	4.0	6
12	TAC126K050P08	8	4.8	6
15	TAC156K050P08	8	6.0	6
18	TAC186K050P08	8	7.2	6
22	TAC226K050P08	8	8.8	6

CDE reserves the right to substitute a tighter tolerance, higher voltage capacitor within the same case size.

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