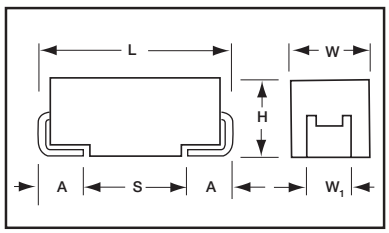
SRC9000 Series

High Reliability Tantalum Capacitors for Space Applications



AVX SRC9000 microminiature capacitors are designed and built to meet the high reliability and long term requirements of military space applications. All SRC9000 capacitors meet all of the requirements of Mil-PRF-55365 and include DPA requirements per MIL-STD-1580. SRC9000 establishes a rigorous screening test schedule designed to detect and eliminate from shipment any capacitor or capacitor test lots that exhibits poor performance or reliability. SRC9000 establishes a continuous test schedule to determine baseline reliability data for specific product shipped under this specification. SRC9000 assures that proper lot control and lot traceability procedures are in effect.

CASE DIMENSIONS: millimeters (inches)

Case Code	Type	Length (L)	Width (W)	Height (H)	Term. Width (W1)	Term. Length (A)	S min
A	TAZ	2.54±0.38 (0.100±0.015)	1.27±0.38 (0.050±0.015)	1.27±0.38 (0.050±0.015)	1.27±0.13 (0.050±0.005)	0.76±0.13 (0.030±0.005)	1.80 (0.071)
	TBJ	3.20±0.20 (0.126±0.008)	1.60 +0.20 -0.10 (0.063 +0.008 -0.004)	1.60 +0.20 -0.10 (0.063 +0.008 -0.004)	1.20±0.20 (0.047±0.008)	0.80 +0.30 -0.20 (0.031 +0.012 -0.008)	1.80 (0.071)
B	TAZ	3.81±0.38 (0.150±0.015)	1.27±0.38 (0.050±0.015)	1.27±0.38 (0.050±0.015)	1.27±0.13 (0.050±0.005)	0.76±0.13 (0.030±0.005)	1.65 (0.065)
	TBJ	3.50±0.20 (0.138±0.008)	2.80 +0.20 -0.10 (0.110 +0.008 -0.004)	1.90 +0.20 -0.10 (0.075 +0.008 -0.004)	2.20±0.20 (0.087±0.008)	0.80 +0.30 -0.20 (0.031 +0.012 -0.008)	1.40 (0.055)
C	TAZ	5.08±0.38 (0.200±0.015)	1.27±0.38 (0.050±0.015)	1.27±0.38 (0.050±0.015)	1.27±0.13 (0.050±0.005)	0.76±0.13 (0.030±0.005)	2.92 (0.115)
	TBJ	6.00±0.20 (0.236±0.008)	3.20 +0.20 -0.10 (0.126 +0.008 -0.004)	2.60 +0.20 -0.10 (0.102 +0.008 -0.004)	2.20±0.20 (0.087±0.008)	1.30 +0.30 -0.20 (0.051 +0.012 -0.008)	2.90 (0.114)
D	TAZ	3.81±0.38 (0.150±0.015)	2.54±0.38 (0.100±0.015)	1.27±0.38 (0.050±0.015)	2.41 +0.13 -0.25 (0.095 +0.005 -0.010)	0.76±0.13 (0.030±0.005)	1.65 (0.065)
	TBJ	7.30±0.20 (0.287±0.008)	4.30 +0.20 -0.10 (0.169 +0.008 -0.004)	2.90 +0.20 -0.10 (0.114 +0.008 -0.004)	2.40±0.20 (0.094±0.008)	1.30 +0.30 -0.20 (0.051 +0.012 -0.008)	4.40 (0.173)
E	TAZ	5.08±0.38 (0.200±0.015)	2.54±0.38 (0.100±0.015)	1.27±0.38 (0.050±0.015)	2.41 +0.13 -0.25 (0.095 +0.005 -0.010)	0.76±0.13 (0.030±0.005)	2.92 (0.115)
	TBJ	7.30±0.20 (0.287±0.008)	4.30 +0.20 -0.10 (0.169 +0.008 -0.004)	4.10 +0.20 -0.10 (0.162 +0.008 -0.004)	2.40±0.20 (0.094±0.008)	1.30 +0.30 -0.20 (0.051 +0.012 -0.008)	4.40 (0.173)
F	TAZ	5.59±0.38 (0.220±0.015)	3.43±0.38 (0.135±0.015)	1.78±0.38 (0.070±0.015)	3.30±0.13 (0.130±0.005)	0.76±0.13 (0.030±0.005)	3.43 (0.135)
G	TAZ	6.73±0.38 (0.265±0.015)	2.79±0.38 (0.110±0.015)	2.79±0.38 (0.110±0.015)	2.67±0.13 (0.105±0.005)	1.27±0.13 (0.050±0.005)	3.56 (0.140)
H	TAZ	7.24±0.38 (0.285±0.015)	3.81±0.38 (0.150±0.015)	2.79±0.38 (0.110±0.015)	3.68 +0.13 -0.51 (0.145 +0.005 -0.020)	1.27±0.13 (0.050±0.005)	0.70 (0.028)
V	TBJ	7.30±0.20 (0.287±0.008)	6.10 +0.20 -0.10 (0.240 +0.008 -0.004)	3.45±0.30 (0.136±0.012)	3.10±0.20 (0.120±0.008)	1.40 +0.30 -0.20 (0.055 +0.012 -0.008)	1.80 (0.071)
X	TAZ	6.93 Max (0.273)	5.41 Max (0.213)	2.74 Max (0.108)	3.05±0.13 (0.120±0.005)	1.19 (0.047)	N/A

HOW TO ORDER

	D	227	*	006	C	□	#@	90	++
Type (3 letters) TBJ TAZ	**Case Size**	**Capacitance Code**	**Capacitance Tolerance** M = ±20% K = ±10% J = ±5%	**Voltage Code** 004 = 4Vdc 006 = 6Vdc 010 = 10Vdc 015 = 15Vdc 020 = 20Vdc 025 = 25Vdc 035 = 35Vdc 050 = 50Vdc	**Standard or Low ESR Range** C = Std ESR L = Low ESR	**Packaging** B = Bulk R = 7" T&R S = 13" T&R	**Qualification/ Reliability # = Inspection Level** S = Std. Conformance L = Group A **@ = Failure Rate Level** Weibull: B = 0.1%/1000 hrs. (90% C = 0.01%/ 1000 hrs. conf.) Comm: Z = Non ER	**Termination Finish** 90 = SRC9000	**Surge Test Option** 00 = None 23 = 10 cycles, +25°C 24 = 10 cycles, -55°C & +85°C 45 = 10 cycles, -55°C & +85°C before Weibull

SRC9000 Series

High Reliability Tantalum Capacitors for Space Applications

TECHNICAL SPECIFICATIONS

Technical Data:		Unless otherwise specified, all technical data relate to an ambient temperature of 25°C								
Capacitance Range:		0.1 µF to 470 µF								
Capacitance Tolerance:		±5%; ±10%; ±20%								
Rated Voltage: (V_R)	≤85°C:	4	6	10	15	20	25	35	50	
Category Voltage: (V_C)	125°C:	2.7	4	7	10	13	17	23	33	
Surge Voltage: (V_S)	≤85°C:	5.2	8	13	20	26	32	46	65	
	125°C:	3.4	5	8	13	16	20	28	40	
Temperature Range:		-55°C to +125°C								

CAPACITANCE AND RATED VOLTAGE, V_R (VOLTAGE CODE) RANGE (LETTER DENOTES CASE SIZE)

Capacitance		Voltage Rating DC (V_R) to 85°C															
µF	Code	4V		6V		10V		15V		20V		25V		35V		50V	
		TAZ	TBJ	TAZ	TBJ	TAZ	TBJ	TAZ	TBJ	TAZ	TBJ	TAZ	TBJ	TAZ	TBJ	TAZ	TBJ
0.1	104														A	A	A
0.15	154														A	A	A(M)/B
0.22	224													A	A	B	A(M)/B
0.33	334											A	A	A	A	B	B
0.47	474									A	A	A	A	B	A(M)/B	C	C
0.68	684							A	A	A/B	A	B	A/B	C	A(M)/B	D	C
1	105					A	A	A	A	A/B	A	B/C	A/B	D	A/B	E	C
1.5	155			A	A		A	A/B	A	B/C	A/B	D	A/B	E	A/B/C	F	C/D
2.2	225	A	A		A	A/B	A	A/C	A/B	B/D	B	D/E	A/B/C		B/C	F	D
3.3	335	A		A/B	A	A/C	A/B	B/D	A/B	D/E	B	E	B/C	F	B/C	G	D
4.7	475	A/B	A	A/C	A/B	B/C/D	A/B	B/C/D/E	A/B	E	A/B/C	F	B/C	G	B/C/D	H	D
6.8	685	A/C	A/B	B/D	A/B	B/C/D/E	A/B	D/E	A/B/C	E/F	B/C	F/G	B/C/D	G/H	C/D		D
10	106	B/D	A/B	B/E	A/B	B/C/D/E	A/B/C	D/E/F	B/C	E/F	B/C	G	C/D	H	C/D		
15	156	B/E	A/B	B/D/E	A/B/C	D/E/F	A/B/C	E/F	B/C	F/G	B/C/D	G/H	D	X	C/D		
22	226	B/D	A	D/E/F	A/B/C	E	B/C	F/G	B/C/D	G/H	C/D	G/H/X	C/D		D/E		
33	336	D/E/F	A/B/C	E	B/C	F/G	B/C/D	F/G/H	C/D	H	C/D	H/X	D/E		D(M)		
47	476	E	B	F/G	C/D	F/G/H	C/D	G/H	C/D	H/X	D		D(M)				
68	686	E/G	C/D	F/G/H	B/C/D	G	C/D	G/H	D		D/E		V				
100	107	F/H	B/C/D	G	C/D	G/H	C/D	H	D/E		V						
150	157	G		G	D	H/X	D		D(M)/V								
220	227	G	D	H	C/D	H	D(M)/E		V								
330	337	H	E	H	E		D(M)/E										
470	477	H			E(M)/V		E(M)/V										
680	687																

SRC9000 Series

High Reliability Tantalum Capacitors for Space Applications

Part Number	Case Size	Cap (nom) (µF)	DC rated voltage (85°C) (volts)	ESR (max) 100 kHz +25°C (ohms)	DC Leakage (max)			Dissipation Factor (max)		
					+25°C (µA)	+85°C (µA)	+125°C (µA)	+25°C (%)	+85/125°C (%)	-55°C (%)
TAZA225*004L□#@90++	A	2.2	4	4	1	10	12	6	8	8
TBJA225*004C□#@90++	A	2.2	4	8	0.5	5	6	6	9	9
TAZA335*004L□#@90++	A	3.3	4	6	1	10	12	6	8	8
TAZA475*004L□#@90++	A	4.7	4	6	1	10	12	6	8	8
TBJA475*004C□#@90++	A	4.7	4	8	0.5	5	6	6	9	9
TAZB475*004L□#@90++	B	4.7	4	3.2	1	10	12	6	8	8
TAZA685*004L□#@90++	A	6.8	4	6	1	10	12	6	8	8
TBJA685*004C□#@90++	A	6.8	4	6.5	0.5	5	10	6	9	10
TBJB685*004C□#@90++	B	6.8	4	5.5	0.5	5	6	6	9	9
TAZC685*004L□#@90++	C	6.8	4	2.2	1	10	12	6	8	8
TBJA106*004C□#@90++	A	10	4	6	0.5	5	10	6	9	10
TAZB106*004L□#@90++	B	10	4	3.2	1	10	12	8	10	10
TBJB106*004C□#@90++	B	10	4		0.5	5	6	6	9	9
TAZD106*004L□#@90++	D	10	4	1.3	1	10	12	8	8	10
TBJA156*004C□#@90++	A	15	4	4	0.6	6	12	6	9	10
TAZB156*004L□#@90++	B	15	4	3.2	1	10	12	8	10	10
TBJB156*004C□#@90++	B	15	4	3.5	0.6	6	7.2	6	9	9
TAZE156*004L□#@90++	E	15	4	1	1	10	12	8	10	12
TBJA226*004C□#@90++	A	22	4	3.5	0.9	9	18	6	9	10
TAZB226*004L□#@90++	B	22	4	3.2	1	10	12	8	10	10
TAZD226*004L□#@90++	D	22	4	1.3	1	10	12	8	10	12
TBJA336*004C□#@90++	A	33	4	3	1.4	14	28	6	9	9
TBJB336*004C□#@90++	B	33	4	2.8	1.4	14	28	6	9	10
TBJC336*004C□#@90++	C	33	4	2.2	1.3	13	15.6	6	9	9
TBJB476*004C□#@90++	B	47	4	2.4	1.9	19	38	6	9	10
TBJC686*004C□#@90++	C	68	4	1.6	2.7	27	54	6	9	10
TBJD686*004C□#@90++	D	68	4	1.1	2.7	27	32.4	6	9	9
TBJB107*004C□#@90++	B	100	4	1.6	4	40	80	8	10	12
TBJC107*004C□#@90++	C	100	4	1.3	4	40	80	6	9	10
TBJD107*004C□#@90++	D	100	4	0.9	4	40	48	8	12	12
TAZH107*004L□#@90++	H	100	4	0.18	4	40	48	10	12	12
TAZG157*004L□#@90++	G	150	4	0.25	6	60	72	10	12	12
TBJD227*004C□#@90++	D	220	4	0.9	8.8	88	176	8	10	12
TAZG227*004L□#@90++	G	220	4	0.2	8	80	96	10	12	12
TBJE337*004C□#@90++	E	330	4	0.9	13.2	132	264	8	10	12
TAZH337*004L□#@90++	L	330	4	0.18	10	100	120	10	12	12
TAZA155*006L□#@90++	A	1.5	6	4	1	10	12	6	8	8
TBJA155*006C□#@90++	A	1.5	6	8	0.5	5	6	6	9	9
TBJA225*006C□#@90++	A	2.2	6	8	0.5	5	6	6	6	9
TBJA335*006C□#@90++	A	3.3	6	8	0.5	5	6	6	9	9
TAZA335*006L□#@90++	A	3.3	6	6	1	10	12	6	8	8
TAZB335*006L□#@90++	B	3.3	6	3.2	1	10	12	6	8	8
TBJA475*006C□#@90++	A	4.7	6	6	0.5	5	10	6	9	10
TAZA475*006L□#@90++	A	4.7	6	6	1	10	12	6	8	8
TBJB475*006C□#@90++	B	4.7	6	5.5	0.5	5	6	6	9	9

Following the voltage code, C designates Standard, L designates Low ESR Ratings

SRC9000 Series

High Reliability Tantalum Capacitors for Space Applications

Part Number	Case Size	Cap (nom) (µF)	DC rated voltage (85°C) (volts)	ESR (max) 100 kHz +25°C (ohms)	DC Leakage (max)			Dissipation Factor (max)		
					+25°C (µA)	+85°C (µA)	+125°C (µA)	+25°C (%)	+85/125°C (%)	-55°C (%)
TAZC475*006L□#@90++	C	4.7	6	2.2	1	10	12	6	8	8
TBJA685*006C□#@90++	A	6.8	6	5	0.5	5	10	6	9	10
TBJB685*006C□#@90++	B	6.8	6	4.5	0.5	5	6	6	9	9
TAZB685*006L□#@90++	B	6.8	6	3.2	1	10	12	6	8	8
TAZD685*006L□#@90++	D	6.8	6	1.5	1	10	12	6	8	8
TBJA106*006C□#@90++	A	10	6	4	1	10	20	6	9	10
TAZB106*006L□#@90++	B	10	6	3.2	1	10	12	6	8	8
TBJB106*006C□#@90++	B	10	6	3.5	0.6	6	7.2	6	9	9
TAZE106*006L□#@90++	E	10	6	1	1	10	12	8	10	12
TBJA156*006C□#@90++	A	15	6	3.5	1	10	20	6	9	10
TBJA156*006L□#@90++	A	15	6	1.5	1	10	20	6	9	10
TBJB156*006C□#@90++	B	15	6	3.5	1	10	20	6	9	10
TAZB156*006L□#@90++	B	15	6	3.2	1	10	12	8	10	10
TBJC156*006C□#@90++	C	15	6	3	0.9	9	10.8	6	9	9
TAZD156*006L□#@90++	D	15	6	1.7	1	10	12	8	10	12
TAZE156*006L□#@90++	E	15	6	0.9	1	10	12	8	10	12
TBJA226*006C□#@90++	A	22	6	3	1.4	14	28	6	9	10
TBJB226*006C□#@90++	B	22	6	2.5	1.4	14	28	6	9	10
TBJC226*006C□#@90++	C	22	6	2.2	1.4	14	16.8	6	9	9
TAZD226*006L□#@90++	D	22	6	1.7	1	10	12	6	8	8
TAZE226*006L□#@90++	E	22	6	1	2	20	24	8	10	12
TAZF226*006L□#@90++	F	22	6	0.6	2	20	24	8	10	12
TBJB336*006C□#@90++	B	33	6	2.2	2.1	21	42	6	9	10
TBJB336*006L□#@90++	B	33	6	0.6	2.1	21	42	6	9	10
TBJC336*006C□#@90++	C	33	6	1.8	2.1	21	42	6	9	10
TAZE336*006L□#@90++	E	33	6	1	2	20	24	6	8	8
TBJC476*006C□#@90++	C	47	6	1.6	3	30	60	6	9	10
TBJD476*006C□#@90++	D	47	6	1.1	2.8	28	33.6	6	9	9
TAZF476*006L□#@90++	F	47	6	1	3	30	36	8	10	12
TAZG476*006L□#@90++	G	47	6	0.275	3	30	36	10	12	12
TBJB686*006C□#@90++	B	68	6	1.8	4.3	43	86	8	10	12
TBJC686*006C□#@90++	C	68	6	1.6	4.3	43	86	6	9	10
TBJD686*006C□#@90++	D	68	6	0.9	4.3	43	86	6	9	9
TAZF686*006L□#@90++	F	68	6	0.4	4	40	48	10	12	12
TAZG686*006L□#@90++	G	68	6	0.25	4	40	48	10	12	12
TAZH686*006L□#@90++	H	68	6	0.18	4	40	48	10	12	12
TBJC107*006C□#@90++	C	100	6	0.9	6.3	63	126	6	9	10
TBJC107*006L□#@90++	C	100	6	0.15	6.3	63	126	6	9	10
TBJD107*006C□#@90++	D	100	6	0.9	6.3	63	126	6	9	10
TAZG107*006L□#@90++	G	100	6	0.275	6	60	72	10	12	12
TBJD157*006C□#@90++	D	150	6	0.9	9.5	95	190	6	9	10
TAZG157*006L□#@90++	G	150	6	0.275	10	100	120	10	12	12
TBJC227*006C□#@90++	C	220	6	1.2	13.9	139	278	10	12	14
TBJD227*006C□#@90++	D	220	6	0.9	13.9	139	278	8	10	12
TBJD227*006L□#@90++	D	220	6	0.1	13.9	139	278	8	10	12

Following the voltage code, C designates Standard, L designates Low ESR Ratings

SRC9000 Series

High Reliability Tantalum Capacitors for Space Applications

Part Number	Case Size	Cap (nom) (µF)	DC rated voltage (85°C) (volts)	ESR (max) 100 kHz +25°C (ohms)	DC Leakage (max)			Dissipation Factor (max)		
					+25°C (µA)	+85°C (µA)	+125°C (µA)	+25°C (%)	+85/125°C (%)	-55°C (%)
TAZH227*006L□#@90++	H	220	6	0.18	10	100	120	10	12	12
TBJE337*006C□#@90++	E	330	6	0.9	19.8	198	396	8	10	12
TBJE337*006L□#@90++	E	330	6	0.1	20.8	208	416	8	10	12
TAZH337*006L□#@90++	H	330	6	0.18	20	200	240	10	12	12
TBJE477M006C□#@90++	E	470	6	0.9	29.6	296	592	10	12	14
TBJE477M006L□#@90++	E	470	6	0.05	29.6	296	592	10	12	14
TBJV477*006L□#@90++	V	470	6	0.1	29.6	296	592	10	12	12
TAZA105*010L□#@90++	A	1	10	5	1	10	12	6	8	8
TBJA105*010C□#@90++	A	1	10	10	0.5	5	6	4	6	6
TBJA155*010C□#@90++	A	1.5	10	8	0.5	5	6	6	6	9
TAZA225*010L□#@90++	A	2.2	10	6	1	10	12	6	8	8
TBJA225*010C□#@90++	A	2.2	10	8	0.5	5	6	6	9	9
TAZB225*010L□#@90++	B	2.2	10	3.2	1	10	12	6	8	8
TBJA335*010C□#@90++	A	3.3	10	5.5	0.5	5	10	6	9	10
TAZA335*010L□#@90++	A	3.3	10	6	1	10	12	6	8	8
TBJB335*010C□#@90++	B	3.3	10	5.5	0.5	5	6	6	9	9
TAZC335*010L□#@90++	C	3.3	10	2.2	1	10	12	6	8	8
TBJA475*010C□#@90++	A	4.7	10	5	0.5	5	10	6	9	10
TAZB475*010L□#@90++	B	4.7	10	3.2	1	10	12	6	8	8
TBJB475*010C□#@90++	B	4.7	10	4.5	0.5	5	6	6	9	9
TAZC475*010L□#@90++	C	4.7	10	2.2	1	10	12	6	8	8
TAZD475*010L□#@90++	D	4.7	10	1.5	1	10	12	6	8	8
TBJA685*010C□#@90++	A	6.8	10	4	0.7	7	14	6	9	10
TAZB685*010L□#@90++	B	6.8	10	3.2	1	10	12	6	8	8
TBJB685*010C□#@90++	B	6.8	10	3.5	0.7	7	8.4	6	9	9
TAZC685*010L□#@90++	C	6.8	10	2.2	1	10	12	6	8	8
TAZD685*010L□#@90++	D	6.8	10	1.7	1	10	12	6	8	8
TAZE685*010L□#@90++	E	6.8	10	1	1	10	12	6	8	8
TBJA106*010C□#@90++	A	10	10	3	1	10	20	6	9	10
TBJA106*010L□#@90++	A	10	10	1.8	1	10	20	6	9	10
TAZB106*010L□#@90++	B	10	10	3.2	1	10	12	8	10	10
TBJB106*010C□#@90++	B	10	10	2.5	1	10	20	6	9	10
TAZC106*010L□#@90++	C	10	10	2.2	1	10	12	6	8	8
TBJC106*010C□#@90++	C	10	10	2.5	1	10	20	6	9	10
TAZD106*010L□#@90++	D	10	10	1.3	1	10	12	6	8	8
TAZE106*010L□#@90++	E	10	10	1	1	10	12	6	8	8
TBJA156*010C□#@90++	A	15	10	3.2	1.6	16	32	6	9	10
TBJB156*010C□#@90++	B	15	10	2.8	1.6	16	32	6	9	10
TBJC156*010C□#@90++	C	15	10	2.5	1.5	15	18	6	6	9
TAZD156*010L□#@90++	D	15	10	1.7	2	20	24	6	8	8
TAZE156*010L□#@90++	E	15	10	0.9	2	20	24	8	10	10
TAZF156*010L□#@90++	F	15	10	0.7	2	20	24	8	8	10
TBJB226*010C□#@90++	B	22	10	2.4	2.2	22	44	6	9	10
TBJB226*010L□#@90++	B	22	10	0.7	2.2	22	44	6	9	10
TBJC226*010C□#@90++	C	22	10	1	2.2	22	44	6	9	10

Following the voltage code, C designates Standard, L designates Low ESR Ratings

SRC9000 Series

High Reliability Tantalum Capacitors for Space Applications

Part Number	Case Size	Cap (nom) (µF)	DC rated voltage (85°C) (volts)	ESR (max) 100 kHz +25°C (ohms)	DC Leakage (max)			Dissipation Factor (max)		
					+25°C (µA)	+85°C (µA)	+125°C (µA)	+25°C (%)	+85/125°C (%)	-55°C (%)
TAZE226*010L□#@90++	E	22	10	0.6	3	30	36	8	10	10
TBJB336*010C□#@90++	B	33	10	1.8	3.3	33	66	6	9	10
TBJC336*010C□#@90++	C	33	10	1.6	3.3	33	66	6	9	10
TBJD336*010C□#@90++	D	33	10	1.1	3.3	33	39.6	6	9	9
TAZF336*010L□#@90++	F	33	10	0.4	3	30	36	8	10	10
TAZG336*010L□#@90++	G	33	10	0.275	3	30	36	10	12	12
TBJC476*010C□#@90++	C	47	10	1.2	4.7	47	94	6	9	10
TBJD476*010C□#@90++	D	47	10	0.9	4.7	47	56.4	6	9	9
TAZF476*010L□#@90++	F	47	10	0.4	4	40	48	10	12	12
TAZG476*010L□#@90++	G	47	10	0.25	4	40	48	10	12	12
TAZH476*010L□#@90++	H	47	10	0.18	5	50	60	10	12	12
TBJC686*010C□#@90++	C	68	10	1.2	6.8	68	136	8	10	12
TBJD686*010C□#@90++	D	68	10	0.9	6.8	68	136	6	9	10
TAZG686*010L□#@90++	G	68	10	0.275	6	60	72	10	12	12
TBJC107*010C□#@90++	C	100	10	1.2	10	100	200	8	10	12
TBJC107*010L□#@90++	C	100	10	0.2	10	100	200	8	10	12
TBJD107*010C□#@90++	D	100	10	0.9	10	100	200	6	9	10
TBJD107*010L□#@90++	D	100	10	0.1	10	100	200	6	9	10
TAZG107*010L□#@90++	G	100	10	0.275	10	100	120	10	12	12
TAZH107*010L□#@90++	H	100	10	0.18	10	100	120	10	12	12
TBJD157*010C□#@90++	D	150	10	0.9	15	150	300	8	10	12
TBJD157*010L□#@90++	D	150	10	0.1	15	150	300	8	10	12
TAZH157*010L□#@90++	H	150	10	0.18	15	150	180	10	12	12
TAZX157*010L□#@90++	X	150	10	0.065	15	150	180	10	12	12
TAZH227*010L□#@90++	H	220	10	0.18	20	200	240	10	12	12
TBJD227M010C□#@90++	D	220	10	0.9	22	220	440	8	10	12
TBJD227M010L□#@90++	D	220	10	0.15	22	220	440	8	10	12
TBJE227*010C□#@90++	E	220	10	0.9	22	220	440	8	10	12
TBJE227*010L□#@90++	E	220	10	0.1	22	220	440	8	10	12
TBJD337M010C□#@90++	D	330	10	0.9	33	330	660	8	10	12
TBJD337M010L□#@90++	D	330	10	0.15	33	330	660	8	10	12
TBJE337*010C□#@90++	E	330	10	0.9	33	330	660	8	10	12
TBJE337*010L□#@90++	E	330	10	0.06	33	330	660	8	10	12
TBJV337*010L□#@90++	V	330	10	0.1	33	330	660	8	10	12
TBJE477M010C□#@90++	E	470	10	0.9	47	470	940	10	12	14
TBJE477M010L□#@90++	E	470	10	0.05	47	470	940	10	12	14
TBJV477*010L□#@90++	V	470	10	0.1	47	470	940	10	12	14
TAZA684*015L□#@90++	A	0.68	15	6	1	10	12	6	8	8
TBJA684*015C□#@90++	A	0.68	15	12	0.5	5	6	4	6	6
TAZA105*015L□#@90++	A	1	15	7.5	1	10	12	6	8	8
TBJA105*015C□#@90++	A	1	15	10	0.5	5	6	4	6	6
TAZA155*015L□#@90++	A	1.5	15	7.5	1	10	12	6	8	8
TBJA155*015C□#@90++	A	1.5	15	8	0.5	5	6	6	9	9
TAZB155*015L□#@90++	B	1.5	15	3.2	1	10	12	6	8	8
TAZA225*015L□#@90++	A	2.2	15	7.5	1	10	12	6	8	8

Following the voltage code, C designates Standard, L designates Low ESR Ratings

SRC9000 Series

High Reliability Tantalum Capacitors for Space Applications

Part Number	Case Size	Cap (nom) (µF)	DC rated voltage (85°C) (volts)	ESR (max) 100 kHz +25°C (ohms)	DC Leakage (max)			Dissipation Factor (max)		
					+25°C (µA)	+85°C (µA)	+125°C (µA)	+25°C (%)	+85/125°C (%)	-55°C (%)
TBJA225*015C□#@90++	A	2.2	15	5.5	0.5	5	10	6	9	10
TBJB225*015C□#@90++	B	2.2	15	5	0.5	5	6	6	9	9
TAZC225*015L□#@90++	C	2.2	15	2.2	1	10	12	6	8	8
TBJA335*015C□#@90++	A	3.3	15	5	0.5	5	10	6	9	10
TBJA335*015L□#@90++	A	3.3	15	3.5	0.5	5	10	6	9	10
TAZB335*015L□#@90++	B	3.3	15	3.6	1	10	12	6	8	8
TBJB335*015C□#@90++	B	3.3	15	5	0.5	5	6	6	8	9
TAZD335*015L□#@90++	D	3.3	15	1.7	1	10	12	6	8	8
TBJA475*015C□#@90++	A	4.7	15	4	0.8	8	16	6	9	10
TAZB475*015L□#@90++	B	4.7	15	2	1	10	12	6	8	8
TBJB475*015C□#@90++	B	4.7	15	4	0.7	7	8.4	6	9	9
TAZC475*015L□#@90++	C	4.7	15	2.2	1	10	12	6	8	8
TAZD475*015L□#@90++	D	4.7	15	2	1	10	12	6	8	8
TAZE475*015L□#@90++	E	4.7	15	1.2	1	10	12	6	8	8
TAZD685*015L□#@90++	D	6.8	15	2	1	10	12	6	8	8
TBJA685*015C□#@90++	A	6.8	15	2.5	1.1	11	22	6	9	10
TBJB685*015C□#@90++	B	6.8	15	2.5	1.1	11	22	6	9	10
TBJC685*015C□#@90++	C	6.8	15	2.5	1.1	11	22	6	9	10
TAZE685*015L□#@90++	E	6.8	15	0.9	1	10	12	8	10	12
TBJB106*015C□#@90++	B	10	15	2.8	1.6	16	32	6	9	10
TBJC106*015C□#@90++	C	10	15	2.5	1.6	16	19.2	6	8	9
TAZD106*015L□#@90++	D	10	15	2	2	20	24	6	8	8
TAZE106*015L□#@90++	E	10	15	1.2	2	20	24	6	8	8
TAZF106*015L□#@90++	F	10	15	0.667	2	20	24	6	8	8
TBJB156*015C□#@90++	B	15	15	2.5	2.4	24	48	6	9	10
TBJB156*015L□#@90++	B	15	15	0.8	2.4	24	48	6	9	10
TBJC156*015C□#@90++	C	15	15	1.8	2.4	24	48	6	9	10
TAZE156*015L□#@90++	E	15	15	1.2	2	20	24	6	8	8
TAZF156*015L□#@90++	F	15	15	0.8	2	20	24	8	10	10
TBJB226*015C□#@90++	B	22	15	2.3	3.6	36	72	6	9	10
TBJC226*015C□#@90++	C	22	15	1.6	3.6	36	72	6	9	10
TBJC226*015L□#@90++	C	22	15	0.375	3.6	36	72	6	9	10
TBJD226*015C□#@90++	D	22	15	1.1	3.3	33	39.6	6	8	9
TAZF226*015L□#@90++	F	22	15	0.8	3	30	36	8	10	10
TAZG226*015L□#@90++	G	22	15	0.275	4	40	48	6	8	8
TBJC336*015C□#@90++	C	33	15	1.5	5.3	53	106	6	9	10
TBJC336*015L□#@90++	C	33	15	0.3	5.3	53	106	6	9	10
TBJD336*015C□#@90++	D	33	15	0.9	5.3	53	106	6	9	9
TAZF336*015L□#@90++	F	33	15	0.8	5	50	60	6	8	8
TAZG336*015L□#@90++	G	33	15	0.275	6	60	72	8	10	10
TAZH336*015L□#@90++	H	33	15	0.18	5	50	60	8	8	10
TBJC476*015C□#@90++	C	47	15	1.5	7.6	76	152	6	9	10
TBJC476*015L□#@90++	C	47	15	0.35	7.6	76	152	6	9	10
TBJD476*015C□#@90++	D	47	15	0.9	7.6	76	152	6	9	10
TBJD476*015L□#@90++	D	47	15	0.15	7.6	76	152	6	9	10

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SRC9000 Series

High Reliability Tantalum Capacitors for Space Applications

Part Number	Case Size	Cap (nom) (µF)	DC rated voltage (85°C) (volts)	ESR (max) 100 kHz +25°C (ohms)	DC Leakage (max)			Dissipation Factor (max)		
					+25°C (µA)	+85°C (µA)	+125°C (µA)	+25°C (%)	+85/125°C (%)	-55°C (%)
TAZG476*015L□#@90++	G	47	15	0.275	10	100	120	8	10	10
TAZH476*015L□#@90++	H	47	15	0.18	10	100	120	8	10	10
TBJD686*015C□#@90++	D	68	15	0.9	10.9	109	218	6	9	10
TAZG686*015L□#@90++	G	68	15	0.275	10	100	120	8	10	10
TAZH686*015L□#@90++	H	68	15	0.18	10	100	120	8	10	10
TBJD107*015C□#@90++	D	100	15	0.9	16	160	320	6	9	10
TBJD107*015L□#@90++	D	100	15	0.125	16	160	320	6	9	10
TBJE107*015C□#@90++	E	100	15	0.9	16	160	320	6	9	10
TBJE107*015L□#@90++	E	100	15	0.1	16	160	320	6	9	10
TAZH107*015L□#@90++	H	100	15	0.18	15	150	180	10	12	12
TBJD157M015C□#@90++	D	150	15	0.9	24	240	480	6	9	10
TBJD157M015L□#@90++	D	150	15	0.15	24	240	480	6	9	10
TBJV157*015L□#@90++	V	150	15	0.045	24	480	960	6	8	10
TBJV227*015L□#@90++	V	220	15	0.15	35.2	352	704	8	10	12
TAZA474*020L□#@90++	A	0.47	20	7.5	1	10	12	8	8	10
TBJA474*020C□#@90++	A	0.47	20	14	0.5	5	6	4	6	6
TAZA684*020L□#@90++	A	0.68	20	7.5	1	10	12	6	8	8
TBJA684*020C□#@90++	A	0.68	20	12	0.5	5	6	4	6	6
TAZB684*020L□#@90++	B	0.68	20	5.6	1	10	12	6	8	8
TAZA105*020L□#@90++	A	1	20	7.5	1	10	12	6	8	8
TBJA105*020C□#@90++	A	1	20	10	0.5	5	6	4	6	6
TAZB105*020L□#@90++	B	1	20	4.8	1	10	12	6	8	8
TBJA155*020C□#@90++	A	1.5	20	6.5	0.5	5	10	6	8	10
TAZB155*020L□#@90++	B	1.5	20	3.6	1	10	12	6	8	8
TBJB155*020C□#@90++	B	1.5	20	6	0.5	5	6	6	9	9
TAZC155*020L□#@90++	C	1.5	20	2.4	1	10	12	6	8	8
TAZB225*020L□#@90++	B	2.2	20	3.6	1	10	12	6	8	8
TBJB225*020C□#@90++	B	2.2	20	5	0.5	5	6	6	8	9
TAZD226*020L□#@90++	D	2.2	20	1.7	1	10	12	6	8	8
TBJB335*020C□#@90++	B	3.3	20	4	0.7	7	8.4	6	9	9
TAZD335*020L□#@90++	D	3.3	20	2	1	10	12	6	8	8
TAZE335*020L□#@90++	E	3.3	20	1.2	1	10	12	6	8	8
TBJA475*020C□#@90++	A	4.7	20	4	1	10	20	6	8	10
TBJA475*020L□#@90++	A	4.7	20	1.8	1	10	20	6	8	10
TBJB475*020C□#@90++	B	4.7	20	3	2	20	40	6	8	10
TBJC475*020C□#@90++	C	4.7	20	3	1	10	12	6	8	9
TAZE475*020L□#@90++	E	4.7	20	1.7	1	10	12	6	8	8
TBJB685*020C□#@90++	B	6.8	20	2.5	1.4	14	28	6	8	10
TBJC685*020C□#@90++	C	6.8	20	2.4	1.4	14	16.8	6	9	9
TAZE685*020L□#@90++	E	6.8	20	1.5	2	20	24	6	8	8
TAZF685*020L□#@90++	F	6.8	20	0.7	2	20	24	6	8	8
TBJB106*020C□#@90++	B	10	20	2.1	0.7	7	14	6	8	10
TBJB106*020L□#@90++	B	10	20	1	0.7	7	14	6	8	10
TBJC106*020C□#@90++	C	10	20	1.9	1.4	14	28	6	8	10
TAZE106*020L□#@90++	E	10	20	1.5	2	20	24	6	8	8

Following the voltage code, C designates Standard, L designates Low ESR Ratings

SRC9000 Series

High Reliability Tantalum Capacitors for Space Applications

Part Number	Case Size	Cap (nom) (µF)	DC rated voltage (85°C) (volts)	ESR (max) 100 kHz +25°C (ohms)	DC Leakage (max)			Dissipation Factor (max)		
					+25°C (µA)	+85°C (µA)	+125°C (µA)	+25°C (%)	+85/125°C (%)	-55°C (%)
TAZF106*020L□#@90++	F	10	20	0.8	2	20	24	6	8	8
TBJB156*020C□#@90++	B	15	20	2	3	30	60	6	8	10
TBJC156*020C□#@90++	C	15	20	1.7	3	30	60	6	8	10
TBJD156*020C□#@90++	D	15	20	1.1	3	30	36	6	8	9
TAZF156*020L□#@90++	F	15	20	0.8	3	30	36	6	8	8
TAZG156*020L□#@90++	G	15	20	0.275	3	30	36	6	8	8
TAZG226*020L□#@90++	G	22	20	0.625	4	40	48	6	8	8
TBJC226*020C□#@90++	C	22	20	1.6	4.4	44	88	6	8	10
TBJD226*020C□#@90++	D	22	20	0.9	4.4	44	52.8	6	9	9
TAZH226*020L□#@90++	H	22	20	0.18	4	40	48	6	8	8
TBJC336*020C□#@90++	C	33	20	1.5	6.6	66	132	6	8	10
TBJD336*020C□#@90++	D	33	20	0.9	6.6	66	132	6	8	10
TBJD336*020L□#@90++	D	33	20	0.2	6.6	66	132	6	8	10
TAZH336*020L□#@90++	H	33	20	0.18	6	60	72	8	10	10
TBJD476*020C□#@90++	D	47	20	0.9	9.4	94	188	6	8	10
TAZH476*020L□#@90++	H	47	20	0.18	10	100	120	8	10	10
TAZX476*020L□#@90++	X	47	20	0.11	10	100	120	8	10	10
TBJD686*020C□#@90++	D	68	20	0.9	13.6	136	272	6	8	10
TBJE686*020C□#@90++	E	68	20	0.9	13.6	136	272	6	8	10
TBJE686*020L□#@90++	E	68	20	0.15	13.6	136	272	6	8	10
TBJV107*020L□#@90++	V	100	20	0.2	20	200	400	8	10	12
TAZA334*025L□#@90++	A	0.33	25	7.5	1	10	12	6	8	8
TBJA334*025C□#@90++	A	0.33	25	15	0.5	5	6	4	6	6
TAZA474*025L□#@90++	A	0.47	25	7.5	1	10	12	6	8	8
TBJA474*025C□#@90++	A	0.47	25	14	0.5	5	6	4	6	6
TAZB684*025L□#@90++	B	0.68	25	4	1	10	12	6	8	8
TBJB684*025C□#@90++	B	0.68	25	7.5	0.5	5	6	4	6	6
TBJA684M025C□#@90++	A	0.68	25	10	0.5	5	10	4	6	8
TBJA105*025C□#@90++	A	1	25	8	0.5	5	10	4	6	8
TAZB105*025L□#@90++	B	1	25	4	1	10	12	6	8	8
TBJB105*025C□#@90++	B	1	25	6.5	0.5	5	6	4	6	6
TAZC105*025L□#@90++	C	1	25	2.6	1	10	12	6	8	8
TBJA155*025C□#@90++	A	1.5	25	7.5	0.5	5	10	6	8	10
TBJA155*025L□#@90++	A	1.5	25	3	0.5	5	10	6	8	10
TBJB155*025C□#@90++	B	1.5	25	6.5	0.5	5	6	6	8	9
TAZD155*025L□#@90++	D	1.5	25	1.7	1	10	12	6	8	8
TAZD225*025L□#@90++	D	2.2	25	2	1	10	12	6	8	8
TBJA225*025C□#@90++	A	2.2	25	7	0.5	5	10	6	8	10
TBJB225*025C□#@90++	B	2.2	25	4.5	0.5	5	10	6	8	10
TBJC225*025C□#@90++	C	2.2	25	3.5	0.6	6	7.2	6	9	9
TAZE225*025L□#@90++	E	2.2	25	1	1	10	12	6	8	8
TBJB335*025C□#@90++	B	3.3	25	3.5	0.5	5	10	6	8	10
TBJC335*025C□#@90++	C	3.3	25	3.5	0.9	9	10.8	6	8	9
TBJA475*025C□#@00++	A	4.7	25	3.1	1.2	12	14.4	6	9	10
TAZE335*025L□#@90++	E	3.3	25	1.2	1	10	12	6	8	8
TBJB475*025C□#@90++	B	4.7	25	2.8	1.2	12	24	6	8	10

Following the voltage code, C designates Standard, L designates Low ESR Ratings

SRC9000 Series

High Reliability Tantalum Capacitors for Space Applications

Part Number	Case Size	Cap (nom) (µF)	DC rated voltage (85°C) (volts)	ESR (max) 100 kHz +25°C (ohms)	DC Leakage (max)			Dissipation Factor (max)		
					+25°C (µA)	+85°C (µA)	+125°C (µA)	+25°C (%)	+85/125°C (%)	-55°C (%)
TBJB475*025L□#@90++	B	4.7	25	1.5	1.2	12	24	6	8	10
TBJC475*025C□#@90++	C	4.7	25	2.5	1.2	12	14.4	6	9	9
TAZF475*025L□#@90++	F	4.7	25	0.7	2	20	24	6	8	8
TBJB685*025C□#@90++	B	6.8	25	2.8	1.7	17	34	6	8	10
TBJC685*025C□#@90++	C	6.8	25	2	1.7	17	34	6	8	10
TBJD685*025C□#@90++	D	6.8	25	1.4	1.7	17	20.4	6	9	9
TAZF685*025L□#@90++	F	6.8	25	0.8	2	20	24	6	8	8
TAZG685*025L□#@90++	G	6.8	25	0.3	2	20	24	6	8	8
TBJC106*025C□#@90++	C	10	25	1.8	2.5	25	50	6	8	10
TBJC106*025L□#@90++	C	10	25	0.5	2.5	25	50	6	8	10
TBJD106*025C□#@90++	D	10	25	1.2	2.5	25	30	6	8	9
TAZG106*025L□#@90++	G	10	25	0.35	3	30	36	6	8	8
TBJD156*025C□#@90++	D	15	25	1	3.8	38	45.6	6	9	9
TAZG156*025L□#@90++	G	15	25	0.35	4	40	48	6	8	8
TAZH156*025L□#@90++	H	15	25	0.2	4	40	48	6	8	8
TBJC226*025C□#@90++	C	22	25	1.4	5.5	55	110	6	8	10
TBJD226*025C□#@90++	D	22	25	0.9	5.5	55	110	6	8	10
TBJD226*025L□#@90++	D	22	25	0.2	5.5	55	110	6	8	10
TAZG226*025L□#@90++	G	22	25	0.35	6	60	72	6	8	8
TAZH226*025L□#@90++	H	22	25	0.18	6	60	72	6	8	8
TAZX226*025L□#@90++	X	22	25	0.16	6	60	72	6	8	8
TBJD336*025C□#@90++	D	33	25	0.9	8.3	83	166	6	8	10
TBJE336*025C□#@90++	E	33	25	0.9	8.3	83	166	6	8	10
TBJE336*025L□#@90++	E	33	25	0.3	8.3	83	166	6	8	10
TAZH336*025L□#@90++	H	33	25	0.18	10	100	120	6	8	8
TAZX336*025L□#@90++	X	33	25	0.13	10	100	120	8	10	10
TBJD476M025C□#@90++	D	47	25	0.9	11.8	118	236	6	8	10
TBJD476M025L□#@90++	D	47	25	0.25	11.8	118	236	6	8	10
TBJV686*025L□#@90++	V	68	25	0.15	17	170	340	8	10	12
TBJA104*035C□#@90++	A	0.1	35	24	0.5	5	6	4	6	6
TBJA154*035C□#@90++	A	0.15	35	21	0.5	5	6	4	6	6
TAZA224*035L□#@90++	A	0.22	35	12	1	10	12	6	8	8
TBJA224*035C□#@90++	A	0.22	35	18	0.5	5	6	4	6	6
TAZA334*035L□#@90++	A	0.33	35	12	1	10	12	6	8	8
TBJA334*035C□#@90++	A	0.33	35	15	0.5	5	6	4	6	6
TBJA474M035C□#@90++	A	0.47	35	12	0.5	5	10	4	6	8
TAZB474*035L□#@90++	B	0.47	35	6.8	1	10	12	6	8	8
TBJB474*035C□#@90++	B	0.47	35	10	0.5	5	6	4	6	6
TBJA684M035C□#@90++	A	0.68	35	8	0.5	5	10	4	6	8
TBJB684*035C□#@90++	B	0.68	35	8	0.5	5	6	4	6	6
TAZC684*035L□#@90++	C	0.68	35	4	1	10	12	6	8	8
TBJA105*035C□#@90++	A	1	35	7.5	0.5	5	10	4	6	6
TBJB105*035C□#@90++	B	1	35	6.5	0.5	5	6	4	6	6
TAZD105*035L□#@90++	D	1	35	2.2	1	10	12	6	8	8
TBJA155*035C□#@90++	A	1.5	35	7.5	0.5	5	10	6	8	9

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SRC9000 Series

High Reliability Tantalum Capacitors for Space Applications

Part Number	Case Size	Cap (nom) (µF)	DC rated voltage (85°C) (volts)	ESR (max) 100 kHz +25°C (ohms)	DC Leakage (max)			Dissipation Factor (max)		
					+25°C (µA)	+85°C (µA)	+125°C (µA)	+25°C (%)	+85/125°C (%)	-55°C (%)
TBJB155*035C□#@90++	B	1.5	35	5.2	0.5	5	10	6	8	9
TBJC155*035C□#@90++	C	1.5	35	4.5	0.5	5	6	6	8	9
TAZE155*035L□#@90++	E	1.5	35	1.3	1	10	12	6	8	8
TBJB225*035C□#@90++	B	2.2	35	4.2	0.8	8	16	6	8	9
TBJC225*035C□#@90++	C	2.2	35	3.5	0.8	8	9.6	6	8	9
TBJB335*035C□#@90++	B	3.3	35	3.5	1.2	12	24	6	8	9
TBJC335*035C□#@90++	C	3.3	35	2.5	1.2	12	14.4	6	8	9
TAZF335*035L□#@90++	F	3.3	35	0.7	1	10	12	6	8	8
TBJB475*035C□#@90++	B	4.7	35	3.1	1.6	16	32	6	8	9
TBJC475*035C□#@90++	C	4.7	35	2.2	1.6	16	32	6	8	9
TBJC475*035L□#@90++	C	4.7	35	0.6	1.6	16	32	6	8	9
TBJD475*035C□#@90++	D	4.7	35	1.5	1.7	17	20.4	6	8	9
TAZG475*035L□#@90++	G	4.7	35	0.375	2	20	24	6	8	8
TAZG685*035L□#@90++	G	6.8	35	0.375	3	30	36	6	8	8
TAZH685*035L□#@90++	H	6.8	35	0.5	3	30	36	6	8	8
TBJC685*035C□#@90++	C	6.8	35	1.8	2.4	24	48	6	9	9
TBJD685*035C□#@90++	D	6.8	35	1.3	2.4	24	28.8	6	9	9
TBJC106*035C□#@90++	C	10	35	1.6	3.5	35	70	6	9	9
TBJD106*035C□#@90++	D	10	35	1	3.5	35	70	6	9	9
TBJD106*035L□#@90++	D	10	35	0.3	3.5	35	70	6	9	9
TAZH106*035L□#@90++	H	10	35	0.5	4	40	48	8	10	10
TBJC156*035C□#@90++	C	15	35	1.4	5.3	53	106	6	9	9
TBJD156*035C□#@90++	D	15	35	0.9	5.3	53	106	6	9	9
TBJD156*035L□#@90++	D	15	35	0.3	5.3	53	106	6	9	9
TAZX156*035L□#@90++	X	15	35	0.19	6	60	72	6	8	8
TBJD226*035C□#@90++	D	22	35	0.9	7.7	77	154	6	9	9
TBJD226*035L□#@90++	D	22	35	0.4	7.7	77	154	6	9	9
TBJE226*035C□#@90++	E	22	35	0.9	7.7	77	154	6	9	9
TBJE226*035L□#@90++	E	22	35	0.3	7.7	77	154	6	9	9
TBJD336M035C□#@90++	D	33	35	0.9	11.6	116	232	6	9	9
TBJD336M035L□#@90++	D	33	35	0.3	11.6	116	232	6	9	9
TAZA104*050L□#@90++	A	0.1	50	12	1	10	12	6	8	8
TBJA104*050C□#@90++	A	0.1	50	22	0.5	5	12	6	8	8
TAZA154*050L□#@90++	A	0.15	50	12	1	10	12	6	8	8
TBJA154M050C□#@90++	A	0.15	50	21	0.5	5	10	4	6	6
TBJB154*050C□#@90++	B	0.15	50	17	0.5	5	6	4	6	6
TBJA224M050C□#@90++	A	0.22	50	18	0.5	5	10	4	6	6
TAZB224*050L□#@90++	B	0.22	50	6.8	1	10	12	6	8	8
TBJB224*050C□#@90++	B	0.22	50	14	0.5	5	6	4	6	6
TAZB334*050L□#@90++	B	0.33	50	4.8	1	10	12	6	8	8
TBJB334*050C□#@90++	B	0.33	50	12	0.5	5	6	4	6	6
TAZC474*050L□#@90++	C	0.47	50	3.2	1	10	12	6	8	8
TBJC474*050C□#@90++	C	0.47	50	8	0.5	5	6	4	6	6
TBJC684*050C□#@90++	C	0.68	50	7	0.5	5	6	4	6	6
TAZD684*050L□#@90++	D	0.68	50	2.3	1	10	12	6	8	8

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SRC9000 Series

High Reliability Tantalum Capacitors for Space Applications

Part Number	Case Size	Cap (nom) (µF)	DC rated voltage (85°C) (volts)	ESR (max) 100 kHz +25°C (ohms)	DC Leakage (max)			Dissipation Factor (max)		
					+25°C (µA)	+85°C (µA)	+125°C (µA)	+25°C (%)	+85/125°C (%)	-55°C (%)
TAZE105*050L□#@90++	E	1	50	1.7	1	10	12	6	8	8
TBJC105*050C□#@90++	C	1	50	6	0.5	5	6	4	6	6
TBJC155*050C□#@90++	C	1.5	50	5	0.8	8	16	6	8	9
TBJD155*050C□#@90++	D	1.5	50	4	0.8	8	9.6	6	8	9
TAZF155*050L□#@90++	F	1.5	50	1.1	1	10	12	6	8	8
TBJD225*050C□#@90++	D	2.2	50	2.5	1.1	11	13.2	6	8	9
TAZF225*050L□#@90++	F	2.2	50	0.7	2	20	24	6	8	8
TBJD335*050C□#@90++	D	3.3	50	2	1.7	17	20.4	6	9	9
TAZG335*050L□#@90++	G	3.3	50	0.5	2	20	24	6	8	8
TBJD475*050C□#@90++	D	4.7	50	1.5	2.4	24	28.8	6	9	9
TAZH475*050L□#@90++	H	4.7	50	0.5	3	30	36	6	8	8
TBJD685*050C□#@90++	D	6.8	50	1	3.4	34	68	6	6	6

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