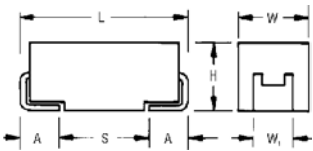




Visit AVX's Website at www.avxcorp.com

TAJ Series Standard Solid Tantalum Chip Capacitors

- Capacitance Tolerance: ±10%
- Capacitance Range: 0.1 µF to 330 µF
- Available in Standard and Extended Ranges
- Operating Temperature: -55°C to +85°C
- Temperature Range: -55°C to +125°C
- Note: Also Available on Tape and Reel Upon Request. Please Contact Your Local Allied Sales Representative for More Information.



Case Dimensions — mm (In.)

Case Code	EIA Code	W +0.2 (0.008) -0.1 (0.004)	L 0 ±0.2 (0.008)	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	1.6 (0.063)	3.20 (0.126)	1.6 (0.063)	1.2 (0.047)	0.8 (0.031)	1.1 (0.043)
B	3528	2.8 (0.110)	3.50 (0.138)	1.9 (0.075)	2.2 (0.087)	0.8 (0.031)	1.4 (0.055)
C	6032	3.2 (0.126)	6.00 (0.236)	2.6 (0.102)	2.2 (0.087)	1.3 (0.051)	2.9 (0.114)
D	7343	4.3 (0.169)	7.30 (0.287)	2.9 (0.114)	2.4 (0.094)	1.3 (0.051)	4.4 (0.173)
E	7343H	4.3 (0.169)	7.30 (0.287)	4.1 (0.162)	2.4 (0.094)	1.3 (0.051)	4.4 (0.173)

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

6.3 Volts

Stock No.	Mfr.'s Type	Cap. µF	Case Size
213-1035	TAJA225K006R	2.2	A
213-1037	TAJA475K006R	4.7	A
213-1038	TAJA685K006R	6.8	A
213-1040	TAJA106K006R	10.0	A
213-1041	TAJB106K006R	10.0	B
213-1208	TAJB156K006R	15.0	A
213-1042	TAJB156K006R	15.0	B
213-1044	TAJC226K006R	22.0	C
213-1045	TAJB336K006R	33.0	B
213-1047	TAJC476K006R	47.0	C
213-1048	TAJD476K006R	47.0	D
213-1049	TAJC686K006R	68.0	C
213-1051	TAJD107K006R	100.0	D
213-1052	TAJE157K006R	150.0	D
213-1053	TAJE227K006R	220.0	E
213-1054	TAJE337K006R	330.0	E

16 Volts

Stock No.	Mfr.'s Type	Cap. µF	Case Size
213-1080	TAJA105K016R	1.0	A
213-1082	TAJA225K016R	2.2	A
213-1083	TAJB225K016R	2.2	B
213-1084	TAJA335K016R	3.3	A
213-1085	TAJB335K016R	3.3	B
213-1086	TAJA475K016R	4.7	A
213-1087	TAJB475K016R	4.7	B
213-1088	TAJB685K016R	6.8	B
213-1090	TAJB106K016R	10.0	B
213-1091	TAJC106K016R	10.0	C
213-1092	TAJB156K016R	15.0	B
213-1093	TAJC156K016R	15.0	C
213-1094	TAJD226K016R	22.0	D
213-1095	TAJD336K016R	33.0	D
213-1096	TAJD476K016R	47.0	D
213-1097	TAJD686K016R	68.0	D
213-1098	TAJD107K016R	100.0	E
213-1099	TAJE107K016R	100.0	E

25 Volts — Continued

Stock No.	Mfr.'s Type	Cap. µF	Case Size
213-1119	TAJA474K025R	0.5	A
213-1121	TAJA105K025R	1.0	A
213-1122	TAJA155K025R	1.5	A
213-1123	TAJB155K025R	1.5	B
213-1124	TAJB225K025R	2.2	B
213-1126	TAJC335K025R	3.3	C
213-1127	TAJC475K025R	4.7	C
213-1128	TAJC685K025R	6.8	C
213-1129	TAJC106K025R	10.0	C
213-1130	TAJD106K025R	10.0	D
213-1131	TAJD156K025R	15.0	D
213-1132	TAJD226K025R	22.0	D
213-1133	TAJE336K025R	33.0	E

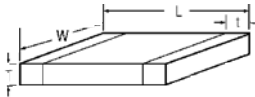
35 Volts

213-1135	TAJA104K035R	0.1	A
213-1137	TAJA224K035R	0.2	A
213-1138	TAJA334K035R	0.3	A
213-1139	TAJA474K035R	0.5	A
213-1140	TAJB474K035R	0.5	B
213-1143	TAJA105K035R	1.0	A
213-1144	TAJB105K035R	1.0	B
213-1147	TAJB225K035R	2.2	B
213-1149	TAJC335K035R	3.3	C
213-1150	TAJC475K035R	4.7	C
213-1151	TAJD475K035R	4.7	D
213-1152	TAJC685K035R	6.8	C
213-1155	TAJD106K035R	10.0	D
213-1156	TAJD156K035R	15.0	D
213-1156	TAJE226K035R	22.0	E

50 Volts

213-1157	TAJA104K050R	0.1	A
213-1165	TAJC105K050R	1.0	C
213-1167	TAJD225K050R	2.2	D
213-1168	TAJD335K050R	3.3	D
213-1169	TAJD475K050R	4.7	D
213-1170	TAJD685K050R	6.8	D

AVX Ceramic Chip Capacitors



- Operating Temperature Range: NPO — -55°C to +125°C; X7R — -55°C to +125°C; Z5U — +10°C to +85°C

Dimensions — mm

Case Size	Length (L)	Width (W)	Max. Thickness (T)	Terminal (t)
0402	1.00 ±0.10	0.50 ±0.10	0.06	0.25 ±0.15
0603	1.60 ±0.15	0.81 ±0.15	0.90	0.35 ±0.15
0805	2.01 ±0.20	1.25 ±0.20	1.30	0.50 ±0.25
1206	3.20 ±0.20	1.60 ±0.20	1.50	0.50 ±0.25
1210	3.20 ±0.20	2.50 ±0.20	1.70	0.50 ±0.25

NPO Temperature Coefficient

Stock No.*	Mfr.'s Type	VDC	Cap. (pF)	Tol. (%)
213-3949	04025ASR1DAT2A	50	5.1	0.50 pF
213-3936	04025A101JAT2A	50	100.0	5
213-3500	06035A100JAT2A	50	10.0	5
213-3505	06035A150JAT2A	50	15.0	5
213-3510	06035A180JAT2A	50	18.0	5
213-3515	06035A220JAT2A	50	22.0	5
213-3520	06035A330JAT2A	50	33.0	5
213-3525	06035A390JAT2A	50	39.0	5
213-3530	06035A470JAT2A	50	47.0	5
213-3535	06035A680JAT2A	50	68.0	5
213-3540	06035A820JAT2A	50	82.0	5

*Sold in multiples of 100 only.

NPO Temperature Coefficient (continued)

Stock No.*	Mfr.'s Type	VDC	Cap. (pF)	Tol. (%)
213-3545	06035A101JAT2A	50	100.0	5
213-3550	06035A121JAT2A	50	120.0	5
213-3555	06035A151JAT2A	50	150.0	5
213-3560	06035A181JAT2A	50	180.0	5
213-3565	06035A221JAT2A	50	220.0	5
213-0015	08051A220JAT2A	100	22.0	5
213-0020	08051A330JAT2A	100	33.0	5
213-0025	08051A470JAT2A	100	47.0	5
213-0035	08051A101JAT2A	100	100.0	5
213-3806	08051A151JAT2A	100	150.0	5
213-0040	08051A221JAT2A	100	220.0	5
213-0050	08051A471JAT2A	100	470.0	5
213-3641	12061A100JAT2A	100	10.0	5
213-0060	12061A220JAT2A	100	22.0	5
213-0065	12061A330JAT2A	100	33.0	5
213-0070	12061A390JAT2A	100	39.0	5
213-0075	12061A470JAT2A	100	47.0	5
213-0080	12061A680JAT2A	100	68.0	5
213-0085	12061A820JAT2A	100	82.0	5
213-0090	12061A101JAT2A	100	100.0	5
213-0095	12061A151JAT2A	100	150.0	5
213-0100	12061A221JAT2A	100	220.0	5
213-3701	12061A471JAT2A	100	470.0	5
213-3706	12061A681JAT2A	100	680.0	5
213-2027	12061A102JAT2A	100	1000.0	5

X7R Temperature Coefficient

213-3942	0402YC102KAT2A	16	1000.0	10
213-3933	0402YC103KAT2A	16	10000.0	10
213-3940	0402SC561KAT2A	50	560.0	10
213-3931	0402SC102KAT2A	50	1000.0	10
213-3934	0402SC222KAT2A	50	2200.0	10
213-3575	06035C151JAT2A	50	150.0	5
213-3581	06035C181JAT2A	50	180.0	5
213-3580	06035C221JAT2A	50	220.0	5
213-3585	06035C331JAT2A	50	330.0	5

*Sold in multiples of 100 only.

X7R Temperature Coefficient (continued)

Stock No.*	Mfr.'s Type	VDC	Cap. (pF)	Tol. (%)
213-3595	06035C471JAT2A	50	470.0	5
213-3600	06035C681JAT2A	50	680.0	5
213-3605	06035C821JAT2A	50	820.0	5
213-3570	06035C103JAT2A	50	10000.0	5
213-1416	06031C681JAT2A	100	680.0	5
213-1514	06031C222KAT2A	100	2200.0	10
213-0110	08053C104KAT2A	25	10000.0	10
213-0125	08055C104JAT2A	50	10000.0	5
213-0115	08055C102KAT2A	50	1000.0	10
213-0120	08055C103KAT2A	50	10000.0	10
213-0140	08055C333KAT2A	50	33000.0	10
213-0145	08055C393KAT2A	50	39000.0	10
213-0150	08055C473KAT2A	50	47000.0	10
213-9907	08055C104KAT2A	50	10000.0	10
213-0125	08055C103MAT2A	50	10000.0	20
213-0155	08055C153MAT2A	50	15000.0	20
213-0105	08051C222JAT2A	100	2200.0	5
213-3929	08051C103JAT2A	100	10000.0	5
213-0155	12061C102JAT2A	100	1000.0	5
213-0165	12061C222JAT2A	100	2200.0	5
213-3731	12061C332JAT2A	100	3300.0	5
213-0170	12061C472JAT2A	100	4700.0	5
213-0160	12061C103JAT2A	100	10000.0	5
213-3621	12061C103KAT2A	100	10000.0	10
213-0185	12105C104KAT2A	50	100000.0	10

Z5U Temperature Coefficient

213-0190	08055E104MAT2A	50	100000.0	20
213-0195	12065E104MAT2A	50	100000.0	20
213-0200	12065E104ZAT2A	50	100000.0	+80 -20

Y5V Temperature Coefficient

213-3937	0402YG104ZAT2A	50	100000.0	+80 -20
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*Sold in multiples of 100 only.