TAJ Series

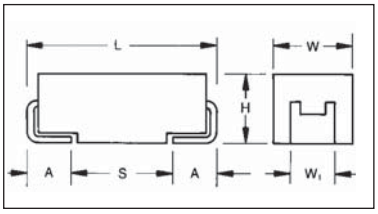
Low Profile

- General purpose SMT chip tantalum series
- CV range: 0.10-1000µF / 2.5-50V
- 9 case sizes in low profile option available

RoHS COMPLIANT

LEAD-FREE

LEAD-FREE COMPATIBLE COMPONENT



For part marking see page 132

CASE DIMENSIONS: millimeters (inches)

Code	EIA Code	EIA Metric	L±0.20 (0.008)	W+0.20 (0.008) -0.10 (0.004)	H Max.	W_1±0.20 (0.008)	A+0.30 (0.012) -0.20 (0.008)	S Min.
F	2312	6032-20	6.00 (0.236)	3.20 (0.126)	2.00 (0.079)	2.20 (0.087)	1.30 (0.051)	2.90 (0.114)
K	1206	3216-10	3.20 (0.126)	1.60 (0.063)	1.00 (0.039)	1.20 (0.047)	0.80 (0.031)	0.40 (0.016)
P	0805	2012-15	2.05 (0.081)	1.35 (0.053)	1.50 (0.059)	1.0±0.1 (0.039±0.004)	0.50 (0.020)	0.85 (0.033)
R	0805	2012-12	2.05 (0.081)	1.30 (0.051)	1.20 (0.047)	1.0±0.1 (0.039±0.004)	0.50 (0.020)	0.85 (0.033)
S	1206	3216-12	3.20 (0.126)	1.60 (0.063)	1.20 (0.047)	1.20 (0.047)	0.80 (0.031)	1.10 (0.043)
T	1210	3528-12	3.50 (0.138)	2.80 (0.110)	1.20 (0.047)	2.20 (0.087)	0.80 (0.031)	1.40 (0.055)
W	2312	6032-15	6.00 (0.236)	3.20 (0.126)	1.50 (0.059)	2.20 (0.087)	1.30 (0.051)	2.90 (0.114)
X	2917	7343-15	7.30 (0.287)	4.30 (0.169)	1.50 (0.059)	2.40 (0.094)	1.30 (0.051)	4.40 (0.173)
Y	2917	7343-20	7.30 (0.287)	4.30 (0.169)	2.00 (0.079)	2.40 (0.094)	1.30 (0.051)	4.40 (0.173)

W_1 dimension applies to the termination width for A dimensional area only.

HOW TO ORDER

TAJ C 107 M 010 R NJ –

Type

Case Size
See table above

Capacitance Code
pF code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow)

Tolerance
K=±10%
M=±20%

Rated DC Voltage
002=2.5Vdc
004=4Vdc
006=6.3Vdc
010=10Vdc
016=16Vdc
020=20Vdc
025=25Vdc
035=35Vdc
050=50Vdc

Packaging
R = 7" T/R
(Lead Free since production date 1/1/04)
S = 13" T/R
(Lead Free since production date 1/1/04)
A = Gold Plating 7" Reel
B = Gold Plating 13" Reel

Specification Suffix
NJ = Standard Suffix

Additional characters may be added for special requirements
V = Dry pack Option (selected codes only)

TECHNICAL SPECIFICATIONS

Technical Data:		All technical data relate to an ambient temperature of +25°C								
Capacitance Range:		0.10 µF to 1000 µF								
Capacitance Tolerance:		±10%; ±20%								
Rated Voltage (V_R)	≤ +85°C:	2.5	4	6.3	10	16	20	25	35	50
Category Voltage (V_C)	≤ +125°C:	1.7	2.7	4	7	10	13	17	23	33
Surge Voltage (V_S)	≤ +85°C:	3.3	5.2	8	13	20	26	32	46	65
Surge Voltage (V_S)	≤ +125°C:	2.2	3.4	5	8	13	16	20	28	40
Temperature Range:		-55°C to +125°C								
Reliability:		1% per 1000 hours at 85°C, V_R with 0.1Ω/V series impedance, 60% confidence level								
Termination Finished:		Sn Plating (standard), Gold and SnPb Plating upon request								
		Meets requirements of AEC-Q200								

TAJ Series

Low Profile

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

Capacitance		Rated voltage DC (V_R) to 85°C								
µF	Code	2.5V (e)	4V (G)	6.3V (J)	10V (A)	16V (C)	20V (D)	25V (E)	35V (V)	50V (T)
0.10	104						R/S		R/S	S
0.15	154						R/S	R	R/S	S
0.22	224						R/S	R	R/S	S
0.33	334						R/S	R	R/S	S/T
0.47	474						R/S	R/S	R/S/T	S/T
0.68	684					R/S	R/S/T	R/S	P/S/T	
1.0	105				R/S	R/S/T	R/S/T	P/R/S	P/S/T	W
1.5	155			R/S	R/S	R/S	P/R/S/T	P/S/T	T	W
2.2	225		R/S	R/S	R/S	R/S/T	P/R/S/T	T	T	
3.3	335		R/S	R/S	R/S/T	R/S/T	T	T/W	W	Y
4.7	475	R	R/S	R/S/T	R/S/T	K/P/S/T	T	T/W	W	Y
6.8	685	R	R/S/T	R/S/T	P/R/S/T	S/T	T	W	Y	Y
10	106	R/S	R/S/T	P/R/S/T	K/P/R[M]/S/T	T/W	W	W	X/Y	
15	156	R	R/S/T	K/P/R/S/T	S/T/W	T[M]/W	W	Y	Y	
22	226	P/R	K/P/R/S/T	K/P[M]/S/T/W	T/W	W	W/Y	Y	Y	
33	336	K/P/S	K/P[M]/S/T/W	T/W	W	W/Y	X/Y	Y		
47	476	P[M]/S	T/W	T/W	W/Y	W/X/Y	X/Y	Y		
68	686	T	T/W	W	W/Y	F/X/Y	Y			
100	107	T/W	T[M]/W	W/Y	W/X/Y	F[M]/Y				
150	157	T[M]/W	W/Y	W/X/Y	F/X[M]/Y	Y[M]				
220	227	W/Y	W/X/Y	F/X/Y	Y					
330	337	W[M]/Y	F/X/Y	Y						
470	477	F/Y	Y	Y						
680	687	Y	Y[M]							
1000	108	Y[M]								

Released codes (M tolerance only)

Engineering samples - please contact manufacturer

*Codes under development - subject to change

Note: Voltage ratings are minimum values. AVX reserves the right to supply higher ratings in the same case size, to the same reliability standards.

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RATINGS & PART NUMBER REFERENCE

AVX Part No.	Case Size	Cap (µF)	Rated Voltage (V)	DCL (µA) Max.	DF % Max.	ESR Max. (Ω) @100kHz
2.5 Volt @ 85°C (1.7 Volt @ 125°C)						
TAJR475*002#NJ	R	4.7	2.5	0.5	6	20
TAJR685*002#NJ	R	6.8	2.5	0.5	6	20
TAJR106*002#NJ	R	10	2.5	0.5	8	4.5
TAJS106*002#NJ	S	10	2.5	0.5	6	8
TAJR156*002#NJ	R	15	2.5	0.5	8	4.1
TAJP226*002#NJ	P	22	2.5	0.5	8	3.5
TAJR226*002#NJ	R	22	2.5	0.5	8	3.8
TAJK336*002#NJ	K	33	2.5	0.8	8	1.7
TAJP336*002#NJ	P	33	2.5	0.7	8	3.5
TAJS336*002#NJ	S	33	2.5	0.7	8	1.5
TAJP476M002#NJ	P	47	2.5	1.2	12	3.2
TAJS476*002#NJ	S	47	2.5	1.2	8	1.6
TAJT686*002#NJ	T	68	2.5	1.4	8	1.5
TAJT107*002#NJ	T	100	2.5	2.5	15	1.3
TAJW107*002#NJ	W	100	2.5	2.5	8	0.4
TAJT157M002#NJ	T	150	2.5	3.8	18	1.2
TAJW157*002#NJ	W	150	2.5	3.8	8	0.3
TAJW227*002#NJ	W	220	2.5	5.5	8	0.3
TAJY227*002#NJ	Y	220	2.5	5.5	8	0.3
TAJW337M002#NJ	W	330	2.5	8.2	12	0.3
TAJY337*002#NJ	Y	330	2.5	8.2	8	0.3
TAJF477*002#NJ	F	470	2.5	11.8	12	0.3
TAJY477*002#NJ	Y	470	2.5	11	12	0.2
TAJY687*002#NJ	Y	680	2.5	17	12	0.2
TAJY108M002#NJ	Y	1000	2.5	25	30	0.2
4 Volt @ 85°C (2.7 Volt @ 125°C)						
TAJR225*004#NJ	R	2.2	4	0.5	6	25
TAJS225*004#NJ	S	2.2	4	0.5	6	25
TAJR335*004#NJ	R	3.3	4	0.5	6	20
TAJS335*004#NJ	S	3.3	4	0.5	6	18
TAJR475*004#NJ	R	4.7	4	0.5	6	12
TAJS475*004#NJ	S	4.7	4	0.5	6	10
TAJR685*004#NJ	R	6.8	4	0.5	6	5.2
TAJS685*004#NJ	S	6.8	4	0.5	6	8
TAJT685*004#NJ	T	6.8	4	0.5	6	6
TAJR106*004#NJ	R	10	4	0.5	6	7
TAJS106*004#NJ	S	10	4	0.5	6	6
TAJT106*004#NJ	T	10	4	0.6	6	5
TAJR156*004#NJ	R	15	4	0.6	8	4
TAJS156*004#NJ	S	15	4	0.6	8	4
TAJT156*004#NJ	T	15	4	0.6	6	2
TAJK226*004#NJ	K	22	4	0.9	8	1.8
TAJP226*004#NJ	P	22	4	0.9	8	5
TAJR226*004#NJ	R	22	4	0.9	8	3.8
TAJS226*004#NJ	S	22	4	0.9	8	3.5
TAJT226*004#NJ	T	22	4	0.9	6	1.9
TAJK336*004#NJ	K	33	4	1.3	10	1.7
TAJP336M004#NJ	P	33	4	1.3	8	3.4
TAJS336*004#NJ	S	33	4	1.3	8	1.7
TAJT336*004#NJ	T	33	4	1.3	6	1.7
TAJW336*004#NJ	W	33	4	1.3	6	0.6
TAJT476*004#NJ	T	47	4	1.9	10	2
TAJW476*004#NJ	W	47	4	1.9	6	0.5
TAJT686*004#NJ	T	68	4	2.7	15	1.5
TAJW686*004#NJ	W	68	4	2.7	6	0.4
TAJT107M004#NJ	T	100	4	4	14	1.4
TAJW107*004#NJ	W	100	4	4	6	1.3
TAJW157*004#NJ	W	150	4	6	6	1.3
TAJY157*004#NJ	Y	150	4	6	6	0.4
TAJW227*004#NJ	W	220	4	8.8	8	1.2
TAJX227*004#NJ	X	220	4	8.8	8	0.9
TAJY227*004#NJ	Y	220	4	8.8	8	0.3
TAJF337*004#NJ	F	330	4	13.2	10	0.3
TAJX337*004#NJ	X	330	4	13.2	8	0.3
TAJY477*004#NJ	Y	470	4	18.8	14	0.9
TAJY687M004#NJ	Y	680	4	27.2	25	0.2
6.3 Volt @ 85°C (4 Volt @ 125°C)						
TAJR155*006#NJ	R	1.5	6.3	0.5	6	2
TAJS155*006#NJ	S	1.5	6.3	0.5	6	25
TAJR225*006#NJ	R	2.2	6.3	0.5	6	20
TAJS225*006#NJ	S	2.2	6.3	0.5	6	18
TAJR335*006#NJ	R	3.3	6.3	0.5	6	12
TAJS335*006#NJ	S	3.3	6.3	0.5	6	9
TAJR475*006#NJ	R	4.7	6.3	0.5	6	7
TAJS475*006#NJ	S	4.7	6.3	0.5	6	7.5
TAJT475*006#NJ	T	4.7	6.3	0.5	6	6
TAJR685*006#NJ	R	6.8	6.3	0.5	8	7
TAJS685*006#NJ	S	6.8	6.3	0.5	6	2.6
TAJT685*006#NJ	T	6.8	6.3	0.5	6	5
TAJR106*006#NJ	R	10	6.3	0.6	8	6
TAJS106*006#NJ	S	10	6.3	0.6	8	4
TAJT106*006#NJ	T	10	6.3	0.6	6	4
TAJK156*006#NJ	K	15	6.3	0.9	6	2
TAJP156*006#NJ	P	15	6.3	0.9	8	3.5
TAJR156*006#NJ	R	15	6.3	0.9	8	4.1
TAJS156*006#NJ	S	15	6.3	0.9	8	4
TAJT156*006#NJ	T	15	6.3	0.9	6	3.5
TAJK226*006#NJ	K	22	6.3	1.3	10	1.8
TAJP226M006#NJ	P	22	6.3	1.3	8	3.8
TAJS226*006#NJ	S	22	6.3	1.3	10	1.8
TAJT226*006#NJ	T	22	6.3	1.4	8	2.5
TAJW226*006#NJ	W	22	6.3	1.3	6	0.6
TAJT336*006#NJ	T	33	6.3	2.1	10	2.5
TAJW336*006#NJ	W	33	6.3	2.1	6	1.8
TAJT476*006#NJ	T	47	6.3	2.8	10	1.6
TAJW476*006#NJ	W	47	6.3	3	6	1.5
TAJW686*006#NJ	W	68	6.3	4.3	6	1.5
TAJW107*006#NJ	W	100	6.3	6.3	6	0.9
TAJY107*006#NJ	Y	100	6.3	6.3	6	0.9
TAJW157*006#NJ	W	157	6.3	9	8	0.3
TAJX157*006#NJ	X	150	6.3	9.5	6	0.9
TAJY157*006#NJ	Y	150	6.3	9	6	0.4
TAJF227*006#NJ	F	220	6.3	13.2	10	0.3
TAJX227*006#NJ	X	220	6.3	13.2	8	0.3
TAJY227*006#NJ	Y	220	6.3	13.9	10	0.9
TAJY337*006#NJ	Y	330	6.3	20.8	12	0.4
TAJY477*006#NJ	Y	470	6.3	28.2	20	0.2
10 Volt @ 85°C (7 Volt @ 125°C)						
TAJR105*010#NJ	R	1	10	0.5	4	25
TAJS105*010#NJ	S	1	10	0.5	4	25
TAJR155*010#NJ	R	1.5	10	0.5	6	20
TAJS155*010#NJ	S	1.5	10	0.5	6	20
TAJR225*010#NJ	R	2.2	10	0.5	6	15
TAJS225*010#NJ	S	2.2	10	0.5	6	12
TAJR335*010#NJ	R	3.3	10	0.5	6	8
TAJS335*010#NJ	S	3.3	10	0.5	6	8
TAJT335*010#NJ	T	3.3	10	0.5	6	6
TAJR475*010#NJ	R	4.7	10	0.5	6	9
TAJS475*010#NJ	S	4.7	10	0.5	6	5
TAJT475*010#NJ	T	4.7	10	0.5	6	5
TAJP685*010#NJ	P	6.8	10	0.7	6	5
TAJR685*010#NJ	R	6.8	10	0.7	6	5.2
TAJS685*010#NJ	S	6.8	10	0.7	6	4
TAJT685*010#NJ	T	6.8	10	0.7	6	4
TAJK106*010#NJ	K	10	10	1	6	2.2
TAJP106*010#NJ	P	10	10	1	8	6

All technical data relates to an ambient temperature of +25°C. Capacitance and DF are measured at 120Hz, 0.5V RMS with a maximum DC bias of 2.2 volts.
DCL is measured at rated voltage after 5 minutes.

* Insert K for ±10% and M for ±20% Capacitance Tolerance

 # Standard Plating – Insert R for 7" reel and S for 13" reel
 # Gold Plating – Insert A for 7" reel and B for 13" reel

NOTE: AVX reserves the right to supply a higher voltage rating or tighter tolerance part in the same case size, to the same reliability standards.

TAJ Series

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RATINGS & PART NUMBER REFERENCE

AVX Part No.	Case Size	Cap (µF)	Rated Voltage (V)	DCL (µA) Max.	DF % Max.	ESR Max. (Ω) @100kHz
TAJR106M010#NJ	R	10	10	1	20	6
TAJS106*010#NJ	S	10	10	1	8	4
TAJT106*010#NJ	T	10	10	1	6	3
TAJS156*010#NJ	S	15	10	1.5	6	2
TAJT156*010#NJ	T	15	10	1.5	8	2.8
TAJW156*010#NJ	W	15	10	1.5	6	0.7
TAJT226*010#NJ	T	22	10	2.2	8	2.2
TAJW226*010#NJ	W	22	10	2.2	6	0.6
TAJW336*010#NJ	W	33	10	3.3	6	1.6
TAJW476*010#NJ	W	47	10	4.7	6	1.4
TAJY476*010#NJ	Y	47	10	4.7	6	0.5
TAJW686*010#NJ	W	68	10	6.8	6	1.3
TAJY686*010#NJ	Y	68	10	6.8	6	0.9
TAJW107*010#NJ	W	100	10	10	6	0.4
TAJX107*010#NJ	X	100	10	10	8	0.9
TAJY107*010#NJ	Y	100	10	10	6	0.9
TAJF157*010#NJ	F	150	10	15	10	0.3
TAJX157M010#NJ	X	150	10	15	6	0.3
TAJY157*010#NJ	Y	150	10	15	6	1.2
TAJY227*010#NJ	Y	220	10	22	10	0.5
16 Volt @ 85ºC (10 Volt @ 125ºC)						
TAJR684*016#NJ	R	0.68	16	0.5	4	25
TAJS684*016#NJ	S	0.68	16	0.5	4	25
TAJR105*016#NJ	R	1	16	0.5	4	20
TAJS105*016#NJ	S	1	16	0.5	4	15
TAJT105*016#NJ	T	1	16	0.5	4	5
TAJR155*016#NJ	R	1.5	16	0.5	6	10
TAJS155*016#NJ	S	1.5	16	0.5	6	12
TAJR225*016#NJ	R	2.2	16	0.5	6	6.5
TAJS225*016#NJ	S	2.2	16	0.5	6	6
TAJT225*016#NJ	T	2.2	16	0.5	6	6.5
TAJR335*016#NJ	R	3.3	16	0.5	8	5
TAJS335*016#NJ	S	3.3	16	0.5	6	5
TAJT335*016#NJ	T	3.3	16	0.5	6	5
TAJK475*016#NJ	K	4.7	16	0.8	6	3.1
TAJP475*016#NJ	P	4.7	16	0.8	8	5
TAJS475*016#NJ	S	4.7	16	0.8	8	4.5
TAJT475*016#NJ	T	4.7	16	0.8	6	3.1
TAJS685*016#NJ	S	6.8	16	1.1	8	2.4
TAJT685*016#NJ	T	6.8	16	1.1	6	3.5
TAJT106*016#NJ	T	10	16	1.6	8	2.2
TAJW106*016#NJ	W	10	16	1.6	6	2
TAJT156M016#NJ	T	15	16	2.4	6	2
TAJW156*016#NJ	W	15	16	2.4	6	0.7
TAJW226*016#NJ	W	22	16	3.5	6	1.6
TAJW336*016#NJ	W	33	16	5.3	6	1.5
TAJY336*016#NJ	Y	33	16	5.3	6	0.9
TAJW476*016#NJ	W	47	16	7.5	6	0.4
TAJX476*016#NJ	X	47	16	7.5	6	0.9
TAJY476*016#NJ	Y	47	16	7.5	6	0.7
TAJF686*016#NJ	F	68	16	10.9	10	0.4
TAJX686*016#NJ	X	68	16	10.9	8	0.6
TAJY686*016#NJ	Y	68	16	10.9	6	0.9
TAJF107M016#NJ	F	100	16	16	10	0.4
TAJY107*016#NJ	Y	100	16	16	8	0.9
TAJY157M016#NJ	Y	150	16	24	15	03
20 Volt @ 85ºC (13 Volt @ 125ºC)						
TAJR104*020#NJ	R	0.1	20	0.5	4	25
TAJS104*020#NJ	S	0.1	20	0.5	4	25
TAJR154*020#NJ	R	0.15	20	0.5	4	25
TAJS154*020#NJ	S	0.15	20	0.5	4	25
TAJR224*020#NJ	R	0.22	20	0.5	4	25
TAJS224*020#NJ	S	0.22	20	0.5	4	25
TAJR334*020#NJ	R	0.33	20	0.5	4	25
TAJS334*020#NJ	S	0.33	20	0.5	4	25

AVX Part No.	Case Size	Cap (µF)	Rated Voltage (V)	DCL (µA) Max.	DF % Max.	ESR Max. (Ω) @100kHz
TAJR474*020#NJ	R	0.47	20	0.5	4	25
TAJS474*020#NJ	S	0.47	20	0.5	4	25
TAJR684*020#NJ	R	0.68	20	0.5	4	20
TAJS684*020#NJ	S	0.68	20	0.5	4	25
TAJT684*020#NJ	T	0.68	20	0.5	4	15
TAJR105*020#NJ	R	1	20	0.5	4	20
TAJS105*020#NJ	S	1	20	0.5	4	12
TAJT105*020#NJ	T	1	20	0.5	4	9
TAJP155*020#NJ	P	1.5	20	0.5	6	9.6
TAJR155*020#NJ	R	1.5	20	0.5	6	9.6
TAJS155*020#NJ	S	1.5	20	0.5	6	5.4
TAJT155*020#NJ	T	1.5	20	0.5	6	6.5
TAJP225*020#NJ	P	2.2	20	0.5	6	8.3
TAJR225*020#NJ	R	2.2	20	0.5	6	6
TAJS225*020#NJ	S	2.2	20	0.5	6	4.5
TAJT225*020#NJ	T	2.2	20	0.5	6	6
TAJT335*020#NJ	T	3.3	20	0.7	6	3
TAJT475*020#NJ	T	4.7	20	0.9	6	3.1
TAJT685*020#NJ	T	6.8	20	1.4	6	2.6
TAJW106*020#NJ	W	10	20	2	6	1.9
TAJW156*020#NJ	W	15	20	3	6	1.7
TAJW226*020#NJ	W	22	20	4.4	6	1.6
TAJY226*020#NJ	Y	22	20	4.4	6	0.9
TAJX336*020#NJ	X	33	20	6.6	6	0.5
TAJY336*020#NJ	Y	33	20	6.6	6	0.6
TAJX476*020#NJ	X	47	20	9.4	6	0.4
TAJY476*020#NJ	Y	47	20	9.4	6	0.9
TAJY686*020#NJ	Y	68	20	13.6	6	0.9
25 Volt @ 85ºC (17 Volt @ 125ºC)						
TAJR154*025#NJ	R	0.15	25	0.5	4	24
TAJR224*025#NJ	R	0.22	25	0.5	4	21
TAJR334*025#NJ	R	0.33	25	0.5	4	17
TAJR474*025#NJ	R	0.47	25	0.5	4	15
TAJS474*025#NJ	S	0.47	25	0.5	4	14
TAJR684*025#NJ	R	0.68	25	0.5	4	13
TAJS684*025#NJ	S	0.68	25	0.5	4	10
TAJP105*025#NJ	P	1	25	0.5	4	11
TAJR105*025#NJ	R	1	25	0.5	4	8
TAJS105*025#NJ	S	1	25	0.5	4	8
TAJP155*025#NJ	P	1.5	25	0.5	6	9.6
TAJS155*025#NJ	S	1.5	25	0.5	6	5.4
TAJT155*025#NJ	T	1.5	25	0.5	6	5
TAJT225*025#NJ	T	2.2	25	0.6	6	4.5
TAJT335*025#NJ	T	3.3	25	0.8	6	3.5
TAJW335*025#NJ	W	3.3	25	0.8	6	1.6
TAJT475*025#NJ	T	4.7	25	1.2	6	3.1
TAJW475*025#NJ	W	4.7	25	1.2	6	1.2
TAJW685*025#NJ	W	6.8	25	1.7	6	2
TAJW106*025#NJ	W	10	25	2.5	6	1.8
TAJY156*025#NJ	Y	15	25	3.8	6	1
TAJY226*025#NJ	Y	22	25	5.5	6	0.9
TAJY336*025#NJ	Y	33	25	8.3	6	0.5
TAJY476*025#NJ	Y	47	25	11.8	6	0.9
35 Volt @ 85ºC (23 Volt @ 125ºC)						
TAJR104*035#NJ	R	0.1	35	0.5	4	29
TAJS104*035#NJ	S	0.1	35	0.5	4	24
TAJR154*035#NJ	R	0.15	35	0.5	4	24
TAJS154*035#NJ	S	0.15	35	0.5	4	21
TAJR224*035#NJ	R	0.22	35	0.5	4	21
TAJS224*035#NJ	S	0.22	35	0.5	4	18
TAJR334*035#NJ	R	0.33	35	0.5	4	17
TAJS334*035#NJ	S	0.33	35	0.5	4	15
TAJR474*035#NJ	R	0.47	35	0.5	4	15
TAJS474*035#NJ	S	0.47	35	0.5	4	12
TAJT474*035#NJ	T	0.47	35	0.5	4	10

All technical data relates to an ambient temperature of +25°C. Capacitance and DF are measured at 120Hz, 0.5V RMS with a maximum DC bias of 2.2 volts. DCL is measured at rated voltage after 5 minutes.

* Insert K for ±10% and M for ±20% Capacitance Tolerance

 # Standard Plating – Insert R for 7" reel and S for 13" reel
 # Gold Plating – Insert A for 7" reel and B for 13" reel

NOTE: AVX reserves the right to supply a higher voltage rating or tighter tolerance part in the same case size, to the same reliability standards.

RATINGS & PART NUMBER REFERENCE

AVX Part No.	Case Size	Cap (µF)	Rated Voltage (V)	DCL (µA) Max.	DF % Max.	ESR Max. (Ω) @100kHz
TAJP684*035#NJ	P	0.68	35	0.5	4	13
TAJS684*035#NJ	S	0.68	35	0.5	4	8
TAJT684*035#NJ	T	0.68	35	0.5	4	8
TAJP105*035#NJ	P	1	35	0.5	4	11
TAJS105*035#NJ	S	1	35	0.5	4	7.5
TAJT105*035#NJ	T	1	35	5	4	6.5
TAJT155*035#NJ	T	1.5	35	0.5	6	5.2
TAJT225*035#NJ	T	2.2	35	0.8	6	4.2
TAJW335*035#NJ	W	3.3	35	1.2	6	1.6
TAJW475*035#NJ	W	4.7	35	1.6	6	2.2
TAJY685*035#NJ	Y	6.8	35	2.3	6	0.9
TAJX106*035#NJ	X	10	35	3.5	6	0.7
TAJY106*035#NJ	Y	10	35	3.5	6	1
TAJY156*035#NJ	Y	15	35	5.3	6	0.6
TAJY226*035#NJ	Y	22	35	7.7	6	0.5
50 Volt @ 85ºC (33 Volt @ 125ºC)						
TAJS104*050#NJ	S	0.1	50	0.5	4	19
TAJS154*050#NJ	S	0.15	50	0.5	4	16
TAJS224*050#NJ	S	0.22	50	0.5	4	13
TAJS334*050#NJ	S	0.33	50	0.5	4	11
TAJT334*050#NJ	T	0.33	50	0.5	4	11
TAJS474*050#NJ	S	0.47	50	0.5	4	9.5
TAJT474*050#NJ	T	0.47	50	0.5	4	9.5
TAJW105*050#NJ	W	1	50	0.5	6	4.4
TAJW155*050#NJ	W	1.5	50	0.8	6	3.1
TAJY335*050#NJ	Y	3.3	50	1.7	4	1.7
TAJY475*050#NJ	Y	4.7	50	2.4	6	1.2
TAJY685*050#NJ	Y	6.8	50	3.4	6	0.9

All technical data relates to an ambient temperature of +25°C. Capacitance and DF are measured at 120Hz, 0.5V RMS with a maximum DC bias of 2.2 volts.
DCL is measured at rated voltage after 5 minutes.

* Insert K for ±10% and M for ±20% Capacitance Tolerance

 # Standard Plating – Insert R for 7" reel and S for 13" reel
 # Gold Plating – Insert A for 7" reel and B for 13" reel

NOTE: AVX reserves the right to supply a higher voltage rating or tighter tolerance part in the same case size, to the same reliability standards.