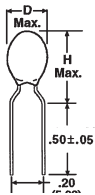
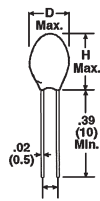


KEMET

T356



T350



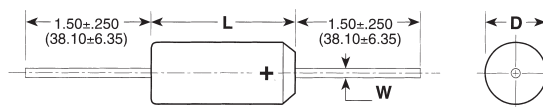
KEMET "ULTRADIP II" TANTALUM DIPPED RADIAL CAPACITORS

The "UltraDip II" series, miniature dipped solid tantalum capacitors, provide the designer with the advantage of compactness plus low leakage, low DF performance characteristics for filtering, bypassing, coupling, blocking and RC timing circuits. These capacitors also have low ESR and impedance and excellent temperature stability. The self-insulating case is resistant to shock and vibration. The gold colour epoxy utilized permits laser marking with outstanding permanency and legibility. All case sizes are printed with capacitance, voltage, polarity and vendor identification. Solid tantalum devices exhibit no degradation failure mode during shelf storage.

Cat. No.	WV (DC)	Cap (µF)	Dim. (mm)			ESR (Ω) @ 25°C 100kHz Max.	Net Price*
			D	H	LS		
T350C106K010AT	10	10	4.5	7.1	2.5	5	\$686.56
T350A225K016AT	16	2.2	4.5	7.1	2.5	8	497.67
T350B475K016AT	16	4.7	4.5	7.6	2.5	5	613.19
T350E106K016AT	16	10	5.5	8.9	2.5	3.2	737.42
T350F226K016AT	16	22	6.0	9.9	2.5	2.0	966.27
T350B225K025AT	25	2.2	4.5	7.6	2.5	6	613.91
T350C475K025AT	25	4.7	5	8.4	2.5	4	737.42
T350E106K025AT	25	10	5.5	8.9	2.5	2.5	966.27
T350A104K035AT	35	0.1	4.5	7.1	2.5	26	496.67
T350A224K035AT	35	0.22	4.5	7.1	2.5	17	497.67
T350A474K035AT	35	0.47	4.5	7.1	2.5	13	497.67
T350A105K035AT	35	1.0	4.5	7.1	2.5	8	497.67
T350C225K035AT	35	2.2	5	8.4	2.5	5	613.91
T350D335K035AT	35	3.3	5.0	8.6	2.5	1.0	711.99
T350E475K035AT	35	4.7	5.5	8.9	2.5	3	813.71
T350F685K035AT	35	6.8	6	9.9	2.5	2.5	915.42
T350G106K035AT	35	10	6.3	10.2	2.5	2	1554.76
T350B105K050AT	50	1	4.5	7.6	2.5	8	613.91
T356B106K006AT	6	10	4.5	8.9	5.0	6	613.91
T356F476K006AT	6	47	6	11.2	5.0	2	966.27
T356A475K010AT	10	4.7	4.5	8.6	5.0	8	497.67
T356B685K010AT	10	6.8	4.5	8.9	5.0	6	686.56
T356C106K010AT	10	10	5	9.6	5.0	5	686.56
T356E156K010AT	10	15	5.5	10.2	5.0	3.7	813.71
T356E226K010AT	10	22	5.5	10.2	5.0	2.7	915.42
T356F336K010AT	10	33	6	11.2	5.0	2.1	1067.99
T356H476K010AT	10	47	7.6	11.9	5.0	1.7	1881.69
T356J107K010AT	10	100	8.4	14	5.0	1	3458.25
T356K157K010AT	10	150	8.9	15.5	5.0	0.8	6916.50
T356L227K010AT	10	220	8.9	18.1	5.0	0.6	8493.05
T356A225K016AT	16	2.2	4.5	8.6	5.0	8	497.67
T356A335K016AT	16	3.3	4.5	8.6	5.0	6	497.67
T356B475K016AT	16	4.7	4.5	8.9	5.0	5	613.91
T356C685K016AT	16	6.8	5	9.6	5.0	4	711.99
T356E106K016AT	16	10	5.5	10.2	5.0	3.2	737.42
T356E156K016AT	16	15	5.5	10.2	5.0	2.5	966.27
T356F226K016AT	16	22	6	11.2	5.0	2	966.27
T356H336K016AT	16	33	7.6	11.9	5.0	1.6	1881.69
T356J476K016AT	16	47	8.4	14	5.0	1.3	2877.03
T356K686K016AT	16	68	8.9	15.5	5.0	1	3458.25
T356L107K016AT	16	100	8.9	18.1	5.0	0.8	7410.53
T350E106K020AT	20	10	5.5	10.2	5.0	2.9	915.42
T356K476K020AT	20	47	8.9	15.5	5.0	1.2	3254.82
T356M107K020AT	20	100	10.2	18.8	5.0	0.6	8493.05
T356A105K025AT	25	1.0	4.5	8.6	5.0	10	497.67
T356A155K025AT	25	1.5	4.5	8.6	5.0	8	497.67
T356B225K025AT	25	2.2	4.5	8.9	5.0	6	613.91
T356B335K025AT	25	3.3	4.5	8.9	5.0	5	613.91
T356C475K025AT	25	4.7	5	9.6	5.0	4	737.42
T356E106K025AT	25	10	5.5	10.2	5.0	2.5	966.27
T356G156K025AT	25	15	6.3	11.4	5.0	2	2070.59
T356H226K025AT	25	22	7.6	11.9	5.0	1.5	2699.03
T356J336K025AT	25	33	8.4	14	5.0	1.2	3458.25
T356K476K025AT	25	47	8.9	15.5	5.0	1	5260.02

Cat. No.	WV (DC)	Cap (µF)	Dim. (mm)			ESR (Ω) @ 25°C 100kHz Max.	Net Price*
			D	H	LS		
T356A104K035AT	35	0.1	4.5	8.6	5.0	26	\$497.67
T356A224K035AT	35	0.22	4.5	8.6	5.0	17	497.67
T356A334K035AT	35	0.33	4.5	8.6	5.0	15	497.67
T356A474K035AT	35	0.47	4.5	8.6	5.0	13	497.67
T356A684K035AT	35	0.68	4.5	8.6	5.0	10	497.67
T356A105K035AT	35	1.0	4.5	8.6	5.0	8	497.67
T356B155K035AT	35	1.5	4.5	8.9	5.0	6	563.06
T356C225K035AT	35	2.2	5	9.6	5.0	5	613.91
T356D335K035AT	35	3.3	5	9.9	5.0	4	762.85
T356E475K035AT	35	4.7	5.5	10.2	5.0	3	813.71
T356F685K035AT	35	6.8	6	11.2	5.0	2.5	915.42
T356G106K035AT	35	10	6.3	11.4	5.0	2	1554.76
T356J156K035AT	35	15	8.4	14	5.0	1.6	3254.82
T356K226K035AT	35	22	8.9	15.5	5.0	1.3	3254.82
T356L336K035AT	35	33	8.9	18.1	5.0	1	5714.10
T356M476K035AT	35	47	10.2	18.8	5.0	0.8	8493.05
T356A104K050AT	50	0.1	4.5	8.6	5.0	26	544.89
T356B105K050AT	50	1.0	4.5	8.9	5.0	8	613.91
T356G475K050AT	50	4.7	6.3	11.4	5.0	2.5	1336.80
T356K106K050AT	50	10.0	8.9	15.5	5.0	1.6	5521.57

NOTE: For tape and reel add suffix "7301" to Cat. No.
*Net Price per 1000.



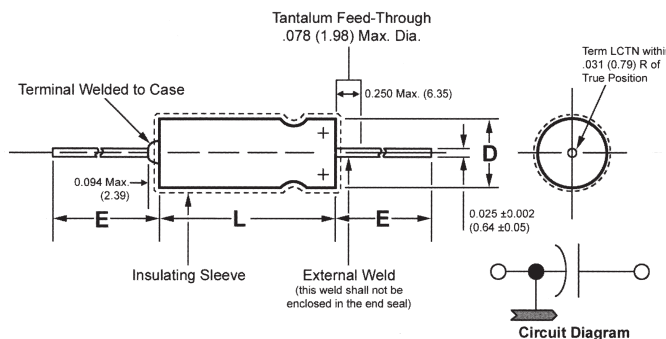
KEMET TANTALUM MOLDED/AXIAL CAPACITORS

The KEMET T322 series offers a complete line of extended range molded solid tantalum capacitors designed specifically for high speed automatic insertion applications. These capacitors offer an extremely high capacitance-to-volume ratio while still maintaining excellent performance characteristics. The T322 series dimensions and tight lead wire-to-body concentricity permit installation by the same automatic insertion equipment used for diodes and resistors.

DIMENSIONS—MILLIMETERS & (INCHES)

Case Size	D Max	L Max	W
B	.110 (2.79)	.290 (7.37)	.020 (.51)
C	.180 (4.57)	.345 (8.76)	.020 (.51)
D	.180 (4.57)	.420 (10.67)	.020 (.51)

Cat. No.	WV (DC)	Cap. µF	EIA Case Size	Max. ESR Ω @ +25°C 120Hz	Net Price
T322B106K010AT	10	10	B	5	\$.75
T322D476K010AT	10	47	D	1.7	1.72
T322D226K015AT	15	22	D	2.7	1.60
T322B225K020AT	20	2.2	B	7	.75
T322B475K020AT	20	4.7	B	4.5	.84
T322D226K020AT	20	22	D	1.8	1.72
T322B225K025AT	25	2.2	B	6	.84
T322C106K025AT	25	10	C	2.5	1.43
T322B105K035AT	35	1.0	B	8	.75
T322C475K035AT	35	4.7	C	3	1.43
T322D106K035AT	35	10	D	2	1.72
T322B105K050AT	50	1.0	B	8	1.01
T322D475K050AT	50	4.7	D	2.5	2.16



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KEMET WET TANTALUM CAPACITORS

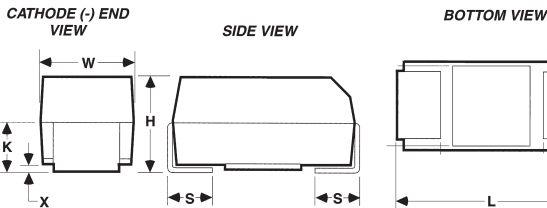
Wet tantalum capacitors are usually applied in circuits where the AC component is small compared to the DC component. Typical uses known to KEMET Electronics include blocking, by-passing, decoupling, and filtering. They are also used in timing circuits. If two of these capacitors are connected "back-to-back" (i.e., negative-to-negative or positive-to-positive), the pair may be used in AC applications (as a non-polar device). Operating temperature: -55°C to +125°C.

APPLICATIONS: Filtering, bypass circuits. Coupling and timing circuits. Low source impedance circuits. High charging current circuits.

DIMENSIONS—MILLIMETERS & (INCHES)

Case Size	L +0.031 (0.79)	D Max	E ±0.25 (6.35)
A	0.453 (11.51)	0.219 (5.56)	1.50 (38.10)
B	0.641 (16.28)	0.312 (7.92)	2.25 (57.15)
D	1.062 (26.97)	0.406 (10.31)	2.25 (57.15)

Cat. No.	Voltage	Capacitance	Max ESR Ω @ +25°C 120Hz	Max Ripple Current mArms @ 85°C 120Hz	Net Price
T197A306K006AS	6	30	3.98	820	54.49
T197A566K008AS	8	56	3.32	900	54.49
T197A206K010AS	10	20	3.98	820	54.49
T197A476K010AS	10	47	3.67	855	54.49
T197A156K015AS	15	15	4.42	780	54.49
T198A107K015AS	15	100	3.98	900	61.75
T197A106K025AS	25	10	5.31	715	54.49
T197A226K025AS	25	22	4.22	800	54.49
T198A686K025AS	25	68	4.29	850	61.75
T198B277K025AS	25	270	2.7	1400	79.92
T197A156M030AS	30	15	4.42	780	54.49
T198A566K030AS	30	56	5.21	800	61.75
T197A106K050AS	50	10	5.31	715	54.49
T198A336K050AS	50	33	4.95	700	61.75
T197B476K050AS	50	47	3.67	1155	72.65
T198B127K050AS	50	120	2.49	1200	79.92
T198D337K050AS	50	330	1.53	1900	127.14
T197B396K060AS	60	39	4.08	1110	72.65
T198B107K060AS	60	100	2.52	1100	79.92
T197A685K075AS	75	6.8	6.83	610	54.49
T197B156K075AS	75	15	5.31	890	72.65
T198A226K075AS	75	22	5.13	600	61.75
T197B336K075AS	75	33	4.02	1000	72.65
T198B826K075AS	75	82	2.46	1000	79.92
T197A255K100AS	100	2.5	10.62	505	54.49
T198A106K100AS	100	10	5.97	800	61.75
T197A175K125AS	125	1.7	15.61	415	54.49
T197A365K125AS	125	3.6	11.05	520	54.49
T198B276K125AS	125	27	3.54	1200	79.92
T197D566K125AS	125	56	1.54	1800	112.61
T198D826K125AS	125	82	2.82	1900	127.14



KEMET SURFACE MOUNT TANTALUM CHIP CAPACITORS

KEMET's family of solid tantalum chip capacitors is designed and manufactured with the demanding requirements of surface mount technology in mind. These devices extend the advantages of solid tantalum technology to today's surface mount circuit applications.

T491 SERIES—INDUSTRIAL

The leading choice in today's surface mount designs. This product meets or exceeds the requirements of EIA standard 535BAAC.

T494 SERIES—LOW ESR, INDUSTRIAL GRADE

The T494 is a low ESR series that is available in all the same case sizes and CV ratings as the popular T491 series. The T494 offers low ESR performance with the economy of an industrial grade device. This series is targeted for output filtering.

T495 SERIES—LOW ESR, SURGE ROBUST

Designed primarily for output filtering in switch-mode power supplies and DC-to-DC converters, the standard CV T495 values are also an excellent choice for battery-to-ground input filter applications. This series offer several important advantages: very low ESR, high ripple current capability, excellent capacitance stability, plus improved ability to withstand high inrush currents.

The KO-CAP also exhibits a benign failure mode, which eliminates the ignition

failures that can occur in standard MnO₂ Tantalum types. Note also that KO-CAPs may be operated at voltages up to 80% of rated voltage with equivalent or better reliability than standard tantalums operated at 50% of rated voltage. The T520 series captures the best features of multilayer ceramic caps (low ESR and high frequency cap retention), aluminum electrolytics (benign failure mode), and proven solid tantalum technology (volumetric efficiency, surface mount capability, and no wearout mechanism). The KO-CAP can reduce component counts, eliminate through-hole assembly by replacing cumbersome leaded aluminum capacitors, and offer a more cost effective solution to high-cost high-cap ceramic capacitors.

T520 SERIES—KO-CAP POLYMER TANTALUM

The KO-CAP is a tantalum capacitor, with Ta anode and Ta₂O₅ dielectric. However, a conductive, organic, polymer replaces the MnO₂ as the cathode plate of the capacitor. This results in very low ESR and improved cap retention at high frequency.

T525 SERIES—KO-CAP POLYMER TANTALUM

The T525 has been targeted for power management applications. This series offers all of the same advantages as the T520 KO-CAP including very low ESR, improved capacitance retention at high frequency and a benign failure mode, to go along with 125°C capability.

DIMENSIONS—MILLIMETERS & (INCHES)

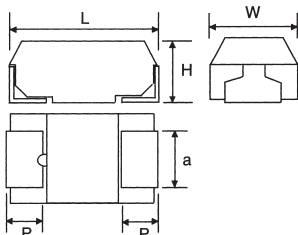
Case Size	L	W	H	X	K	F	S
A	3.2 (.126)	1.6 (.063)	1.6 (.063)	0.05 (.002)	0.9 (.035)	1.2 (.047)	0.8 (.031)
B	3.5 (.138)	2.8 (.110)	1.9 (.075)	0.05 (.002)	1.1 (.043)	2.2 (.087)	0.8 (.031)
C	6.0 (.236)	3.2 (.126)	2.5 (.098)	0.10 (.004)	1.4 (.055)	2.2 (.087)	1.3 (.051)
D	7.3 (.287)	4.3 (.169)	2.8 (.110)	0.10 (.004)	1.5 (.059)	2.4 (.094)	1.3 (.051)
X	7.3 (.287)	4.3 (.169)	4.0 (.157)	0.10 (.004)	2.3 (.091)	2.4 (.094)	1.3 (.051)

Cat. No.	WV (DC)	Cap μ F	EIA Case Size	ESR (Ω) @ 25°C 100 kHz Max.	Net Price*
T491A106K006AT	6.3	10	A	4.00	\$121.09
T491A226K006AT	6.3	22	A	4.00	142.28
T491B226K006AT	6.3	22	B	3.50	178.60
T491D686K006AT	6.3	68	D	0.80	392.93
T491B107K006AT	6.3	100	B	3.50	590.30
T491C107K006AT	6.3	100	C	1.20	414.42
T491C227K006AT	6.3	220	C	1.20	1210.87
T491D227K006AT	6.3	220	D	0.70	606.04
T491A475K010AT	10	4.7	A	6.00	115.64
T491B475K010AT	10	4.7	B	3.50	170.43
T491A106K010AT	10	10	A	4.00	132.29
T491B106K010AT	10	10	B	3.50	170.43
T491A226K010AT	10	22	A	6.00	302.72
T491B226K010AT	10	22	B	3.00	247.02
T491C226K010AT	10	22	C	1.80	237.94
T491B336K010AT	10	33	B	3.50	323.61
T491B476K010AT	10	47	B	1.00	590.30
T491C476K010AT	10	47	C	1.20	314.52
T491D107K010AT	10	100	D	0.70	472.85
T491X227K010AT	10	220	X	0.50	1341.95
T491A105K016AT	16	1.0	A	10.00	115.64
T491A225K016AT	16	2.2	A	6.00	115.64
T491A335K016AT	16	3.3	A	6.00	115.64
T491B335K016AT	16	3.3	B	3.50	170.43
T491A475K016AT	16	4.7	A	6.00	121.09
T491B475K016AT	16	4.7	B	3.50	170.43
T491B685K016AT	16	6.8	B	3.50	170.43
T491A106K016AT	16	10	A	7.00	142.28
T491B106K016AT	16	10	B	3.50	178.60
T491C106K016AT	16	10	C	1.80	237.94
T491B226K016AT	16	22	B	3.00	323.61
T491C226K016AT	16	22	C	1.60	257.92
T491C336K016AT	16	33	C	1.20	314.52
T491D336K016AT	16	33	D	0.80	392.93
T491D476K016AT	16	47	D	0.80	392.93
T491D686K016AT	16	68	D	0.70	472.85
T491D107K016AT	16	100	D	0.70	606.04
T491X107K016AT	16	100	X	0.70	1098.87
T491A105K020AT	20	1.0	A	10.00	115.64
T491A225K020AT	20	2.2	A	7.00	115.64
T491B225K020AT	20	2.2	B	3.50	170.43
T491B335K020AT	20	3.3	B	3.50	247.02
T491B475K020AT	20	4.7	B	3.50	170.43
T491B685K020AT	20	6.8	B	3.50	178.60
T491B106K020AT	20	10	B	3.00	247.02
T491C106K020AT	20	10	C	1.80	237.94
T491C226K020AT	20	22	C	1.20	314.52
T491D226K020AT	20	22	D	0.80	392.93
T491D336K020AT	20	33	D	0.80	392.93
T491D476K020AT	20	47	D	0.70	392.93
T491X686K020AT	20	68	X	0.70	1098.87
T491X107K020AT	20	100	X	0.50	115.64

*Net Price per 1000.

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Cat. No.	Cap (µF)	D×L×F mm	Max. Ripple	Max ESR Ohms	Net Price
25 VDC					
NRSA220M25V5X11F	22	5x11x2.0	70	10.6	.04
NRSA330M25V5X11F	33	5x11x2.0	85	7.04	.04
NRSA470M25V5X11F	47	5x11x2.0	100	4.94	.04
NRSA101M25V6.3X11F	100	6.3x11x2.5	170	2.33	.06
NRSA221M25V8X11.5F	220	8x11.5x3.5	270	1.06	.11
NRSA331M25V10X12.5F	330	10x12.5x5.0	400	0.704	.14
NRSA471M25V10X16F	470	10x16x5.0	510	0.494	.19
NRSA102M25V12.5X20F	1000	12.5x20x5.0	900	0.233	.41
NRSA222M25V16X25F	2200	16x25x7.5	1300	0.121	.78
35 VDC					
NRSA100M35V5X11F	10	5x11x2.0	50	19.9	.04
NRSA220M35V5X11F	22	5x11x2.0	75	9.05	.04
NRSA330M35V5X11F	33	5x11x2.0	95	6.04	.04
NRSA470M35V6.3X11F	47	6.3x11x2.5	120	4.24	.06
NRSA101M35V8X11.5F	100	8x11.5x3.5	210	1.99	.11
NRSA221M35V10X12.5F	220	10x12.5x5.0	370	0.905	.14
NRSA331M35V10X16F	330	10x16x5.0	470	0.604	.19
NRSA471M35V10X20F	470	10x20x5.0	600	0.424	.24
NRSA102M35V12.5X25F	1000	12.5x25x5.0	960	0.199	.51
50 VDC					
NRSA100M50V5X11F	10	5x11x2.0	55	16.6	.04
NRSA220M50V5X11F	22	5x11x2.0	85	7.54	.04
NRSA330M50V6.3X11F	33	6.3x11x2.5	110	5.03	.06
NRSA470M50V6.3X11F	47	6.3x11x2.5	140	3.53	.06
NRSA101M50V8X11.5F	100	8x11.5x3.5	230	1.66	.11
NRSA221M50V10X16F	220	10x16x5.0	420	0.754	.19
NRSA331M50V10X20F	330	10x20x5.0	580	0.503	.24
NRSA471M50V12.5X20F	470	12.5x20x5.0	730	0.353	.41
NRSA102M50V16X25F	1000	16x25x7.5	1100	0.166	.78
10 VDC					
NRSZ221M10V6.3x11F	220	6.3x11x2.5	300	0.22	.15
16 VDC					
NRSZ101M16V6.3X11F	100	6.3x11x2.5	280	0.32	.15
NRSZ221M16V8X11.5F	220	8x11.5x3.5	560	0.11	.22
NRSZ471M16V8X20F	470	8x20x3.5	800	0.069	.37
NRSZ102M16V10X22F	1000	10x22x5.0	1450	0.039	.51
NRSZ222M16V12.5X25F	2200	12.5x25x5.0	1700	0.037	.90
25 VDC					
NRSZ221M25V8X15F	220	8x15x3.5	730	0.085	.33
NRSZ221M25V10X12.5F	220	10x12.5x5.0	630	0.12	.30
NRSZ331M25V8X20F	330	8x20x3.5	800	0.069	.37
NRSZ471M25V10X16F	470	10x16x5.0	1010	0.065	.41
NRSZ102M25V12.5X20F	1000	12.5x20x5.0	1600	0.038	.70
35 VDC					
NRSZ470M35V6.3X11F	47	6.3x11x2.5	280	0.322	.20
NRSZ101M35V8X11.5F	100	8x11.5x3.5	560	0.11	.21
NRSZ221M35V8X20F	220	8x20x3.5	800	0.069	.48
NRSZ221M35V10X16F	220	10x16x5.0	950	0.085	.41
NRSZ331M35V10X20F	330	10x20x5.0	1250	0.044	.49
NRSZ471M35V10X20F	470	10x20x5.0	1250	0.054	.47
NRSZ102M35V12.5X25F	1000	12.5x25x5.0	1800	0.029	.94
NRSZ332M35V18X35.5F	3300	18x35.5x7.5	2700	0.022	2.06
50 VDC					
NRSZ100M50V5X11F	10	5x11x2.0	110	1.7	.11
NRSZ470M50V6.3X11F	47	6.3x11x2.5	220	0.43	.16
NRSZ101M50V8X15F	100	8x15x3.5	500	0.18	.40
NRSZ221M50V10X20F	220	10x20x5.0	850	0.1	.45
NRSZ331M50V10X22F	330	10x22x5.0	1000	0.072	.52
NRSZ471M50V12.5X20F	470	12.5x20x5.0	1200	0.059	.82
NRSZ102M50V16X25F	1000	16x25x7.5	1750	0.039	1.42



NIC COMPONENTS MOLDED TANTALUM CHIP CAPACITORS

FEATURES: Molded construction for high soldering heat resistance. Both flow and reflow soldering applications. **SPECIFICATIONS: Operating temperature range:** -55°C to +125°C. **Leakage current @ 25°C after 5 minutes at rated voltage:** Not more than 0.01CV or 0.5µA, whichever is greater. **Load life:** 2000 hours @ +85°C.

DIMENSIONS-MILLIMETERS

Case Code	Metric Code	L	W	H	P	A
A	3216	3.2±0.2	1.6±0.2	1.6±0.2	0.8±0.3	1.2±0.1
B	3528	3.5±0.5	2.8±0.2	1.9±0.2	0.8±0.3	2.2±0.1
C	6032	6.0±0.3	3.2±0.3	2.6±0.3	1.3±0.3	2.2±0.1
D	7343	7.3±0.2	4.3±0.2	2.9±0.3	1.3±0.3	2.4±0.1

Cat. No.	EIA Case Size	Cap (µF)	Tol	ESR (Ω) @ 25°C 100kHz Max.	Net Price
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6.3 VDC					
NTC-T106K6.3TRAF	A	10µF	±10%	4.0	\$.18

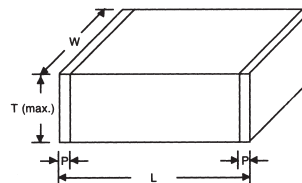
10 VDC					
NTC-T475K10TRAF	A	4.7µF	±10%	5.0	.18
NTC-T106K10TRAF	A	10µF	±10%	3.2	.18
NTC-T106K10TRBF	B	10µF	±10%	2.5	.26
NTC-T226K10TRBF	B	22µF	±10%	2.4	.33
NTC-T107K10TRDF	D	100µF	±10%	0.7	.80

16 VDC					
NTC-T105K16TRAF	A	1µF	±10%	10.0	.18
NTC-T335K16TRAF	A	3.3µF	±10%	5.0	.15
NTC-T475K16TRAF	A	4.7µF	±10%	5.0	.18
NTC-T475K16TRBF	B	4.7µF	±10%	3.0	.26
NTC-T106K16TRBF	B	10µF	±10%	2.4	.26
NTC-T106K16TRCF	C	10µF	±10%	1.8	.52
NTC-T226K16TRBF	B	22µF	±10%	2.5	.28
NTC-T226K16TRCF	C	22µF	±10%	1.6	.52
NTC-T476K16TRDF	D	47µF	±10%	0.8	.82

20 VDC					
NTC-T225K20TRAF	A	2.2µF	±10%	6.0	.18
NTC-T475K20TRBF	B	4.7µF	±10%	3.0	.26
NTC-T226K20TRDF	D	22µF	±10%	0.8	.80

25 VDC					
NTC-T105K25TRAF	A	1µF	±10%	8.0	.18
NTC-T335K25TRBF	B	3.3µF	±10%	3.5	.30
NTC-T106K25TRCF	C	10µF	±10%	1.8	.52
NTC-T226K25TRDF	D	22µF	±10%	0.8	.87

35 VDC					
NTC-T104K35TRAF	A	0.1µF	±10%	18.0	.18
NTC-T224K35TRAF	A	0.22µF	±10%	18.0	.18
NTC-T474K35TRAF	A	0.47µF	±10%	12.0	.18
NTC-T474K35TRBF	B	0.47µF	±10%	8.0	.22
NTC-T105K35TRBF	B	1µF	±10%	4.8	.26
NTC-T106K35TRDF	D	10µF	±10%	1.0	.80



NIC COMPONENTS CERAMIC CHIP CAPACITORS

FEATURES: Nickel barrier terminations and excellent strength; unmarked.

EIA Code	Metric Code	L	W	T	P
0402	1005	1.0±0.05	0.5±0.05	0.6	.20±0.1
0603	1608	1.6±0.15	0.8±0.15	1.0	.12-.51
0805	2012	2.0±0.2	1.25±0.2	1.3	.25-.71
1206	3216	3.2±0.2	1.6±0.2	1.8	.25-.71

Cat. No.	Case Size	Type	(µF)	Tol	Net Price*
16 VDC					
NMC0402X7R103K16TRPF	0402	X7R	.01µF	±10%	\$24.94
NMC0402Y5V104Z16TRPF	0402	Y5V	.1µF	+80-20%	24.94
50 VDC					
NMC0402NPO101J50TRPF	0402	NPO	100pF	±5%	29.93
NMC0402X7R102K50TRPF	0402	X7R	1000pF	±10%	19.95
16 VDC					
NMC0603X7R473K16TRPF	0603	X7R	.047µF	±10%	17.46
NMC0603X7R104K16TRPF	0603	X7R	.1µF	±10%	13.97
NMC0603Y5V334Z16TRPF	0603	Y5V	.33µF	+80-20%	21.82
25 VDC					
NMC0603Y5V104Z25TRPF	0603	Y5V	.1µF	+80-20%	8.73

*Net Price per 1000.

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