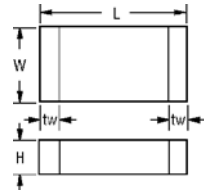


Visit NTE's Website at www.nteinc.com

Surface Mount Multilayer Ceramic Capacitors — **NEW**

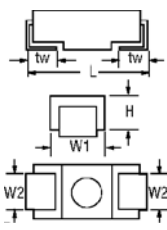
Voltage: 50 V. **Performance Specifications. Operating Temperature Range:** NPO and X7R — -55°C to +120°C; Z5U — +10°C to +85°C; Y5V — -25°C to +85°C. **Temperature Coefficient:** NPO — Stable; X7R — ±15%; Z5U — +22%, -56%; Y5V — +22%, -82%. **Tolerance Range:** C — ±0.25 pF; J — ±5%; K — ±10%; Z — +80%, -20%.



Dimension — In. (mm)

Case	L	W	H	tw
0805	0.080 (2.0)	0.050 (1.2)	0.051 (1.3)	0.020 (0.5)
1206	0.126 (3.2)	0.063 (1.6)	0.063 (1.6)	0.020 (0.5)

Stock No.	Mfr.'s Type	Temp. Coeff.	Cap.	PER PK./20		
				1-4	5-9	10-Up
635-3000	SMC0805J100	NPO	10 pF	1.70	1.61	1.48
635-3005	SMC0805J150	NPO	15 pF	1.70	1.61	1.48
635-3010	SMC0805J220	NPO	22 pF	1.70	1.61	1.48
635-3015	SMC0805J270	NPO	27 pF	1.70	1.61	1.48
635-3020	SMC0805J470	NPO	47 pF	1.70	1.61	1.48
635-6025	SMC0805J471	NPO	470 pF	2.58	2.47	2.26
635-3030	SMC0805K102	X7R	1000 pF	1.70	1.61	1.48
635-3035	SMC0805K222	X7R	2200 pF	1.70	1.61	1.48
635-3040	SMC0805K103	X7R	0.010 μF	1.90	1.82	1.67
635-3045	SMC0805K223	X7R	0.022 μF	2.66	2.54	2.33
635-3050	SMC0805K104	X7R	0.100 μF	3.66	3.51	3.21
635-3055	SMC0805Z104	Z5U	0.100 μF	1.70	1.61	1.48
635-3060	SMC0805Z474	Y5V	0.470 μF	4.22	4.04	3.71
635-3065	SMC0805Z105	Y5V	1.000 μF	6.91	6.62	6.07
635-3070	SMC1206C407	NPO	4.700 pF	2.26	2.15	1.97
635-3075	SMC1206J220	NPO	22 pF	2.26	2.15	1.97
635-3080	SMC1206J101	NPO	100 pF	2.45	2.34	2.14
635-3085	SMC1206J221	NPO	220 pF	2.70	2.60	2.38
635-3090	SMC1206K392	X7R	3900 pF	2.46	2.36	2.16
635-3095	SMC1206K103	X7R	0.010 μF	2.32	2.23	2.04
635-3100	SMC1206K104	X7R	0.100 μF	3.94	3.78	3.47
635-3105	SMC1206Z104	Z5U	0.100 μF	1.86	1.76	1.61
635-3110	SMC1206Z224	Z5U	0.220 μF	3.17	3.04	2.79
635-3115	SMC1206Z105	Y5V	1.000 μF	6.91	6.62	6.07
635-3120	SMC1206Z225	Y5V	2.200 μF	9.02	8.64	7.92



Surface Mount Tantalum Capacitors

- Precision Molded Case with Flat Surface for Vacuum Pick-Up
- Laser Marking and Bold Vidicon-Readable Polarity Stripe
- Glue Pad on Underside for Bonding to Circuit Board Prior to Soldering
- Encapsulate Material Satisfies the UL94 VO Flammability Classification

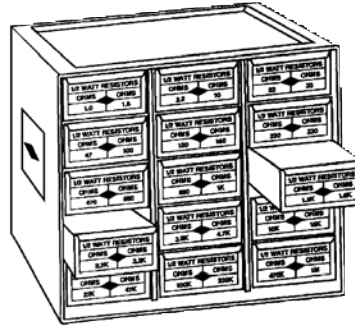
Performance Specifications. Operating Temperature Range: -55°C to +85°C (-67°C to 185°F). **Capacitance Tolerance (K):** ±10%.

Dimensions — In. (mm)

Case Size	L	W1	W2	H	tw
A	0.126 (3.2)	0.063 (1.6)	0.047 (1.2)	0.063 (1.6)	0.031 (0.8)
B	0.138 (3.5)	0.110 (2.8)	0.087 (2.2)	0.075 (1.9)	0.031 (0.8)
C	0.236 (6.0)	0.126 (3.2)	0.087 (2.2)	0.102 (2.6)	0.051 (1.3)
D	0.287 (7.3)	0.169 (4.3)	0.094 (2.4)	0.114 (2.9)	0.051 (1.3)

Stock No.	Mfr.'s Type	Case Size	Voltage (V)	Cap. (μF)	PER PK./20		
					1-4	5-9	10-Up
635-7050	SCTA104K35	A	35.0	0.1	9.73	8.85	8.11
635-7055	SCTA105K16	A	16.0	1.0	9.73	8.85	8.11
635-7060	SCTA335K6.3	A	6.3	3.3	9.73	8.85	8.11
635-7065	SCTB105K35	B	35.0	1.0	11.08	10.07	9.23
635-7070	SCTB225K20	B	20.0	2.2	11.08	10.07	9.23
635-7075	SCTB335K16	B	16.0	3.3	11.08	10.07	9.23
635-7080	SCTB475K10	B	10.0	4.7	11.08	10.07	9.23
635-7085	SCTB475K16	B	16.0	4.7	11.08	10.07	9.23
635-7090	SCTB106K16	B	16.0	10.0	11.97	10.89	9.98
635-7095	SCTB156K10	B	10.0	15.0	12.87	11.70	10.73
635-7100	SCTC105K50	C	50.0	1.0	29.48	26.80	24.57
635-7105	SCTC225K35	C	35.0	2.2	16.01	14.56	13.35
635-7110	SCTD475K35	D	35.0	4.7	22.75	20.68	18.95
635-7115	SCTD106K25	D	25.0	10.0	22.75	20.68	18.95
635-7120	SCTD226K25	D	25.0	22.0	22.75	20.68	18.95
635-7125	SCTD336K16	D	16.0	33.0	22.75	20.68	18.95
635-7130	SCTD476K10	D	10.0	47.0	22.75	20.68	18.95
635-7135	SCTD476K16	D	16.0	47.0	22.75	20.68	18.95
635-7140	SCTD107K6.3	D	6.3	100.0	26.34	23.94	21.95

Capacitor Kits



- Each Kit Contains the Top 30 Most Popular Capacitors for Group Specified
- Cabinets Stack Together to Build a Component Storage Center
- One Piece Frame Is Lightweight and Virtually Unbreakable
- Keyhole Slots for Wall Mounting
- Measures 9 1/2" W x 7 1/2" H x 6 1/2" D
- Contains 15 Drawers, Each Divided in Half

CK-01 Aluminum Electrolytic Capacitors, 2 Each (*Denotes Axial Leads)

μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts
100/10*	47/25*	1000/25*	100/35*	33/50	2.2/50*	10/50*	100/50*	1000/50*	100/63*
220/16*	100/25*	10/35*	1/50	47/50	3.3/50*	22/50*	220/50*	22/63*	1000/63*
22/25*	220/25*	47/35*	.22/50	1.0/50*	4.7/50*	47/50*	470/50*	47/63*	10/100*

635-0200 EACH 45.00

CK-02 High Voltage Aluminum Electrolytic Capacitors, 1 Each (*Denotes Axial Leads)

μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts
1.0/160	4.7/160	33/160	100/160*	3.3/250	22/250	1.0/350	4.7/350*	47/350	4.7/450
2.2/160	10/160	47/160	1.0/250	4.7/250	33/250	2.2/350	10/350	100/350	10/450
3.3/160	22/160	100/160	2.2/250	10/250	47/250	3.3/350	33/350	1.0/450	10/450*

635-0210 EACH 45.00

CK-03 Non-Polarized Aluminum Electrolytic Capacitors, 2 Each (*Denotes Axial Leads)

μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts
4.7/25	1.0/50*	3.3/50	4.7/50*	22/50	47/50*	2.2/100*	4.7/100	10/100*	33/100*
10/25	2.2/50	3.3/50*	10/50	22/50*	1.0/100	3.3/100*	4.7/100*	22/100*	47/100*
1.0/50	2.2/50*	4.7/50	10/50*	47/50	2.2/100*	3.3/100*	10/100	33/100*	100/100*

635-0220 EACH 45.00

CK-04 Tantalum Capacitors, 2 Each

μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts
10/10	10/16	1.0/25	10/25	.22/35	1.0/35	4.7/35	22/35	33/50	2.2/50
2.2/16	22/16	2.2/25	22/25	.47/35	2.2/35	6.8/35	.1/50	47/50	4.7/50
4.7/16	10/20	4.7/25	1/35	.68/35	3.3/35	10/35	22/50	1.0/50	10/50

635-0230 EACH 52.50

CK-05 50 V Ceramic Disc Capacitors, 4 Each

pf	pf	pf	pf	pf	pf	pf	pf	pf	pf
1.0	6.0	15	33	56	100	470	1200	3300	22,000
2.0	10	18	39	68	120	680	1500	4700	47,000
5.0	12	22	47	82	330	1000	2200	10,000	100,000

635-0240 EACH 30.00

CK-06 1000 V Ceramic Disc Capacitors, 4 Each

pf	pf	pf	pf	pf	pf	pf	pf	pf	pf
3.3	10	20	47	100	220	500	1000	4700	47,000
5.0	15	22	56	150	330	560	1500	5000	50,000
6.8	18	39	68	180	470	680	2200	10,000	100,000

635-0250 EACH 37.50

CK-07 Mylar/Film Capacitors, 1 Each; All Values Are Radial Lead

μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts	μF/Volts
.01/50	.01/100	.047/100	.47/100	33/250	.01/400	.0033/630	.015/630	.05/630	.15/630
1/50	.022/100	.1/100	.047/250	1.0/250	.1/400	.0047/630	.022/630	.068/630	.22/630
.001/100	.033/100	.22/100	.1/250	1.5/250	.001/630	.01/630	.047/630	.1/630	.47/630

635-0260 EACH 48.00