

Ceramic and Electrolytic Capacitors

Monolythic Ceramic Capacitors

- Specifications

► Temperature Rating: COG, X7R, Z5U

► Wide Capacitance Range: 10 pF

► Non-Polar
- Applications

► Data Processing

► Consumer Products

► Automotive

Capacitors listed are 50 WVDC to 100 WVDC. Size: 0.200" W × 0.250" H × 0.125" T. Lead Length: 1.0" min.

Temperature — COG, 5% Tolerance

Stock No.	Mir.'s Type	WVDC	Cap pF	L.S. (In.)	EACH		
					1-99	100-249	
926-2660	1C10C0G101J050B	50	100	0.100	.26	.17	
926-2662	1C10C0G102J050B	50	1000	0.100	.26	.17	
926-2664	1C10C0G220J050B	50	22	0.100	.26	.17	
926-2666	1C10C0G330J050B	50	33	0.100	.26	.17	
926-2670	1C10C0G470J050B	50	47	0.100	.26	.17	
926-2672	1C10C0G471J050B	50	470	0.100	.26	.17	

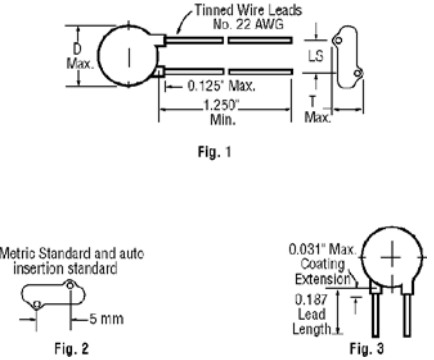
Temperature — X7R, 10% Tolerance

926-2630	1C10X7R102K050B	50	1000	0.100	.16	.12
926-2632	1C10X7R103K050B	50	10000	0.100	.18	.13
926-2634	1C10X7R104K050B	50	100000	0.100	.23	.16
926-2640	1C20X7R102K050B	50	1000	0.200	.23	.16
926-2644	1C20X7R103K050B	50	10000	0.200	.23	.16
926-2405	1C20X7R104K050B	50	100000	0.200	.23	.16
926-2648	1C20X7R222K050B	50	2200	0.200	.23	.16
926-2428	1C10X7R472K100B	100	4700	0.100	.28	.19
926-2436	1C10X7R473K100B	100	47000	0.100	.28	.19
926-2438	1C10X7R104K100B	100	100000	0.100	.28	.21
926-2480	1C20X7R103K100B	100	10000	0.200	.24	.16
926-2488	1C20X7R104K100B	100	100000	0.200	.36	.22

Temperature — Z5U, 20% Tolerance

926-2600	1C10Z5U103M050B	50	10000	0.100	.15	.10
926-2602	1C10Z5U104M050B	50	100000	0.100	.15	.10
926-2604	1C10Z5U224M050B	50	220000	0.100	.29	.20
926-9200	1C20Z5U104M050B	50	100000	0.200	.13	.09
926-9212	1C20Z5U224M050B	50	220000	0.200	.33	.22
926-9214	1C20Z5U334M050B	50	330000	0.200	.38	.26
926-2622	1C2Z5U104M050B	50	100000	0.250	.16	.12
926-2448	1C10Z5U104M100B	100	100000	0.100	.21	.15

Cera-Mite® Ceramic Capacitors



Dimensions (In Inches)

Size Code	Maximum Diameter	Maximum Thickness	Std. Lead Spacing
C	0.250	0.156	0.250
E	0.290	0.156	0.250
F	0.370	0.156	0.250
G	0.440	0.156	0.250
H	0.490	0.156	0.250
J	0.560	0.156	0.375
L	0.680	0.156	0.375
M	0.760	0.156	0.375
P	0.890	0.156	0.375
Q	0.920	0.200	0.375
R	0.510	0.200	0.250
W	0.700	0.200	0.375
X	0.770	0.200	0.375

Tolerance Codes

Code	Tolerance	Code	Tolerance
J	±5%	Y	+50, -20%
K	±10%	Z	+80, -20%
M	±20%	—	—

Tiny, tough and dependable. Fine replacement for molded micas and tubular ceramics. Heavy moisture-proof insulating coat. For 85°C use.

Stock No.	Mir.'s Type	Cap. (pF)	VDC	Fig./Size Code	Tol. Code	EACH		
						1-24	25-49	50-99
926-3203	TST10	100	100	2/C	K	.28	.18	.14
926-3206	TSD10	1000	100	2/C	M	.26	.17	.13
926-3208	TGS10	10000	100	1/F	Y	.23	.14	.10
926-3214	TGS50	50000	100	1/R	M	.80	.58	.49
926-3215	TGP10	100000	100	1/W	M	1.16	.86	.72
926-3216	5TSD10	1000	500	1/E	K	.29	.20	.14
926-3222	5TSS10	10000	500	1/J	M	.38	.27	.23
926-3224	5HKSS10	10000	500	1/G	Z	.34	.20	.16
926-3228	5GAS50	50000	500	1/P	M	.67	.49	.42
926-3228	5GAP10	100000	500	1/X	M	1.46	1.06	.90
926-3229	5HKP10	100000	500	1/Q	Z	1.28	.93	.79
926-3251	5GAD33	3300	1000	1/E	M	.34	.21	.16
926-3253	5GAD50	5000	1000	1/F	M	.32	.17	.13
926-3256	5GAS10	10000	1000	1/H	M	.65	.34	.27
926-3258	5HKS10	10000	1000	1/J	Z	.36	.26	.22
926-3260	5GAS20	20000	1000	1/L	M	.41	.29	.25
926-3261	10HKS50	50000	1000	1/X	Z	1.28	.93	.78
926-3262	10GAP10	100000	1000	1/Q	M	1.61	1.17	.99
926-3265	30GAC15	15	3000	1/E	M	.51	.29	.25
926-3268	30GAQ22	22	3000	1/E	M	.52	.30	.25
926-3268	30GAQ33	33	3000	1/E	M	.47	.28	.23
926-3272	30GAT10	100	3000	1/E	M	.47	.28	.23
926-3280	30GAD10	1000	3000	1/E	M	.47	.28	.23
926-3289	30GAS10	10000	3000	1/P	M	1.08	.79	.67
926-3290	30GASS10	10000	3000	1/M	M	.85	.63	.52

Temperature Stable

Use where minimum capacitance change with temperature is an important consideration. Rated 1000 WVDC.

926-3304	10TSQ10	10	1000	1/C	K	.28	.18	.14
926-3321	10TST22	220	1000	1/C	K	.28	.18	.14
926-3333	10TSD10	1000	1000	1/E	K	.27	.19	.15

Hypercon® Ceramic Discs

Ultraminiature discs for transistorized circuitry, bypass and coupling. Especially suited for any low voltage use where high capacitance and low power factors are important.

926-3405	HY520	0.01 µF	25	1/C	Z	.23	.15	.10
926-3406	HY820	0.01 µF	25	1/C	M	.24	.15	.11
926-3416	HY550	.1 µF	25	1/H	Z	.42	.24	.20
926-3418	HY850	.1 µF	25	1/G	M	.46	.26	.21

Type TVA ATOM Axial Tubular Electrolytic Capacitors

- Applications

► TV Sets

► Auto Radio
- Electronic Testing Equipment

Radio-Phone Combinations

Polarized Single Units

Smallest standard tubular capacitors available. High dependability with lower leakage currents and long shelf life. Withstands high temperatures, ripple currents, and surge voltages. Capacitors rated at 100 WVDC or less operate at -40°

Stock No.	Mir.'s Type	WVDC	µF	Case D × L (In.)	EACH				
					1-24	25-49	50-249	250-499	500-Up
926-0148	TVA1206	25	50	5/16 × 27/32	1.07	.93	.90	.84	.78
926-0150	TVA1207	25	100	3/8 × 31/32	1.09	.96	.92	.85	.80
926-0153	TVA1208	25	250	7/16 × 117/32	1.25	1.10	1.07	.99	.91
926-0158	TVA1209	25	500	1/2 × 19/16	1.62	1.41	1.38	1.27	1.18
926-0160	TVA1211	25	1000	3/4 × 121/32	1.87	1.64	1.59	1.48	1.38
926-0162	TVA1213	25	2000	1 × 129/32	2.77	2.48	2.35	2.18	2.03
926-0171	TVA1300	50	1	1/4 × 17/32	1.07	.93	.90	.84	.78
926-0175	TVA1303	50	5	1/4 × 23/32	1.07	.93	.90	.84	.78
926-0178	TVA1305	50	15	5/16 × 23/32	1.07	.93	.90	.84	.78
926-0179	TVA1305.5	50	20	5/16 × 27/32	1.07	.93	.90	.84	.78
926-0180	TVA1306	50	25	5/16 × 27/32	1.07	.93	.90	.84	.78
926-0183	TVA1308	50	50	3/8 × 31/32	1.09	.96	.92	.85	.80
926-0186	TVA1310	50	100	3/8 × 117/32	1.19	1.03	1.00	.92	.86
926-0187	TVA1310.1	50	120	7/16 × 19/32	1.25	1.10	1.07	.99	.91
926-0189	TVA1311	50	150	7/16 × 117/32	1.25	1.10	1.07	.99	.91
926-0191	TVA1312	50	250	1/2 × 19/16	1.74	1.35	1.30	1.20	1.11
926-0192	TVA1312.1	50	300	1/2 × 19/16	1.98	1.68	1.49	1.38	1.27
926-0195	TVA1315	50	500	3/4 × 11/2	1.87	1.64	1.59	1.48	1.38

to +85°C; above 100 WVDC, -20° to +85°C. Metal case with thermoplastic outer insulating sleeve. **Note:** Sizes subject to change without notice.

Stock No.	Mir.'s Type	WVDC	µF	Case D × L (In.)	EACH				
					1-24	25-49	50-249	250-499	500-Up
926-0198	TVA1316	50	1000	7/8 × 129/32	2.58	2.29	2.17	2.02	1.89
926-0199	TVA1318	50	1500	15/16 × 25/32	3.61	3.22	3.07	2.84	2.65
926-0221	TVA1346	100	100	3/4 × 119/32	1.62	1.41	1.37	1.28	1.18
926-0240	TVA1411	150	25	7/8 × 119/32	1.33	1.15	1.11	1.03	.98
926-0244	TVA1414	150	50	1/2 × 119/16	1.76	1.53	1.49	1.39	1.28
926-0248	TVA1420	150	100	7/8 × 121/32	2.58	2.29	2.17	2.02	1.89
926-0273	TVA1501	250	4	3/8 × 31/32	1.19	1.03	1.00	.92	.86
926-0276	TVA1504	250	10	7/16 × 19/32	1.33	1.15	1.11	1.03	.98
926-0277	TVA1505	250	12	7/16 × 117/32	1.62	1.41	1.38	1.27	1.18
926-0278	TVA1508	250	20	1/2 × 119/16	1.76	1.53	1.49	1.39	1.28
926-0283	TVA1522	250	100	1 × 129/32	3.96	3.53	3.36	3.12	2.91
926-0302	TVA1709	450	20	7/8 × 19/8	3.41	3.04	2.89	2.67	2.50
926-0304	TVA1712	450	40	7/8 × 21/8	3.91	3.49	3.32	3.08	2.88
926-0306	TVA1716	450	80	1 × 29/8	5.08	4.52	4.30	3.99	3.72
926-0308	TVA1906	500	20	7/8 × 21/8	3.64	3.25	3.08	2.86	2.67
926-0309	TVA1908	500	40	1 × 29/8	4.59	4.09	3.89	3.61	3.36
926-0293	TVA1963	600	10	11/16 × 39/16	10.37	9.41	8.77	8.15	7.60
926-0295	TVA1966	600	20	11/16 × 31/8	8.30	7.54	7.02	6.52	6.09

Type TE LITTL-LYTIC Axial Electrolytic Capacitors

- Proven Dependable Performance in Industrial and Electronic Equipment With Either Transistor or Modified Electron-Tube Circuits

All Terminal Connections Welded, Eliminating Possibility of "Open" or Intermittent Contacts Occasionally Found in Pressure Joints of Conventional Capacitors

Metal-Encased, With Plastic Outer Insulating Sleeve
- Superior in Size, Performance Characteristics, Shelf Life, Construction, Reliability

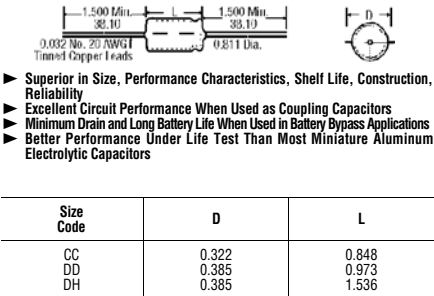
Excellent Circuit Performance When Used as Coupling Capacitors

Minimum Drain and Long Battery Life When Used in Battery Bypass Applications

Better Performance Under Life Test Than Most Miniature Aluminum Electrolytic Capacitors

Dimensions (In Inches)

Size Code	D	L
BA	0.260	0.536
BB	0.260	0.723
CB	0.322	0.723



25 WVDC

Stock No.	Mfr.'s Type	Cap. (MF)	Size Code	EACH		
				1-24	25-99	100-499
926-0326	TE1202	5	BA	1.72	1.25	1.06
926-0328	TE1204	10	BB	1.72	1.25	1.06
926-0334	TE1207	25	CB	1.76	1.28	1.09
926-0336	TE1209	50	CC	1.76	1.28	1.09
926-0338	TE1211	100	DD	2.09	1.47	1.25