

# POLYESTER

## Z Series



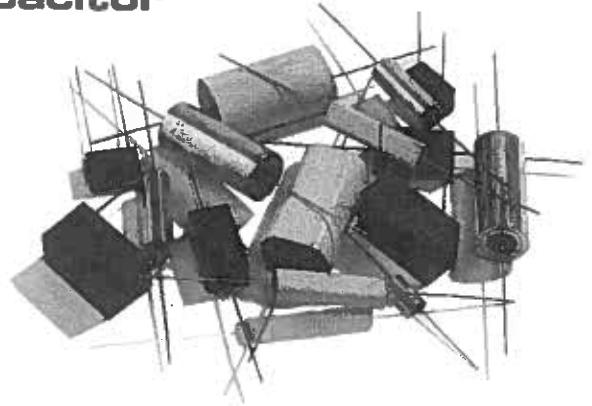
17672 Armstrong Avenue,  
Irvine, California 92614

**Z Series Metallized Polyester capacitors are designed for general purpose applications where space and weight considerations are important. Their performance characteristics make them ideal for filtering, coupling, or bypassing in high or low impedance circuits with AC or DC applications. The self-healing characteristics of the metallized dielectric provide a very high level of reliability.**

# METALLIZED POLYESTER

## Z Series

- ▶ **Excellent General-Purpose Capacitor**
- ▶ **Best Volumetric Efficiency**
- ▶ **Lowest Cost**
- ▶ **Excellent Dielectric Strength**



## Performance Characteristics

**Temperature Range:**  $-55^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$  at full rated voltage, derated linearly from  $+85^{\circ}\text{C}$  to 50% at  $+125^{\circ}\text{C}$

**Dissipation Factor @  $+25^{\circ}\text{C}$ :** 0.8% Maximum @ 1Khz

**Insulation Resistance @  $+25^{\circ}\text{C}$ :** Measured at rated voltage or 100VDC, whichever is less, after 2 minutes electrification

MEGOHMS X MICROFARAD	MEGOHMS (need not exceed)
10,000	40,000

**Dielectric Strength: Terminal to terminal:**

Shall withstand without damage 150% of rated voltage for 60 seconds through a limiting resistance of 100 ohms/volt.

**Terminal to case:**

Shall withstand without damage 200% of rated voltage for 60 seconds through a limiting resistance of 100 ohms/volt.

**Dielectric Absorption @  $+25^{\circ}\text{C}$ :** 0.2% to 1.0%  
Varies with configuration, temperature and humidity.

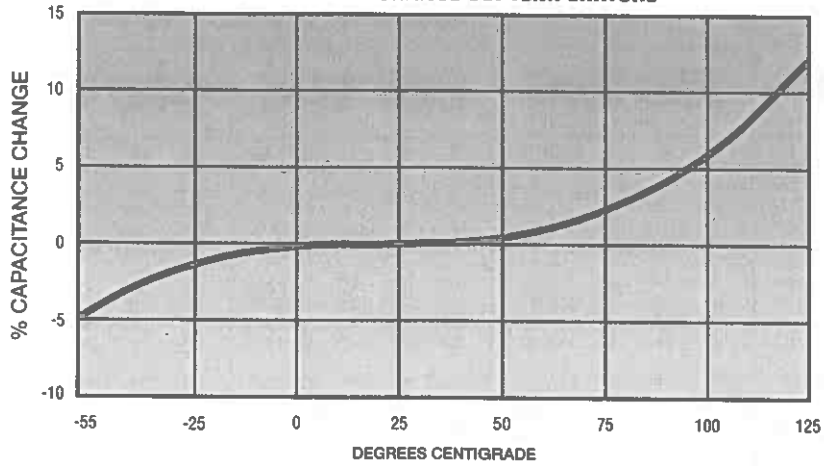
**D.C. Life Test:** Will withstand 140% of rated voltage for 250 hours @  $+125^{\circ}\text{C}$ .

**Temperature Coefficient:** 960 PPM/ $^{\circ}\text{C}$  (Non-Linear)

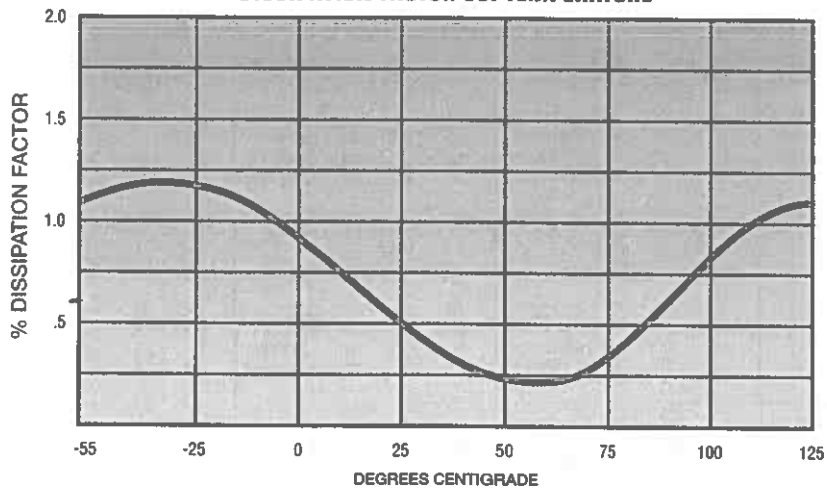
# CURVES VS. TEMPERATURE

## Z Series

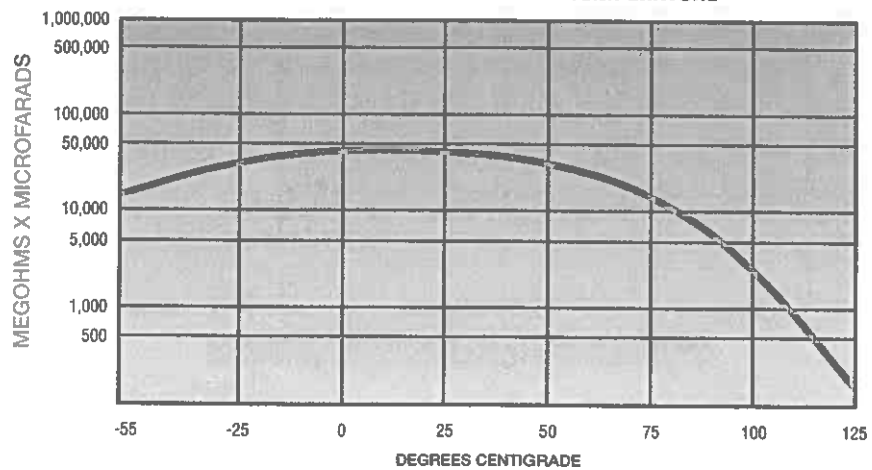
### CAPACITANCE CHANGE VS. TEMPERATURE



### DISSIPATION FACTOR VS. TEMPERATURE



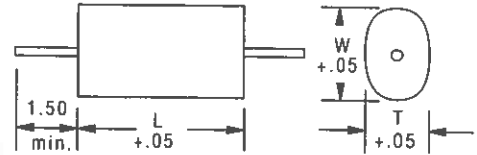
### INSULATION RESISTANCE VS. TEMPERATURE



# METALLIZED POLYESTER

## Z Series — Oval Wrap & Fill

LEAD SIZE		
CASE LENGTH	A.W.G.	LEAD DIA.
.40 thru .65	No. 24	.020
.78 thru .90	No. 22	.025
1.17 thru 2.25	No. 20	.032



MFD	50 VDC				100 VDC				200 VDC				400 VDC				600 VDC			
	T	W	L	PART NO.	T	W	L	PART NO.	T	W	L	PART NO.	T	W	L	PART NO.	T	W	L	PART NO.
.001	.09	.18	.40	Z5A102*	.09	.18	.40	Z1A102*	.09	.18	.40	Z2A102*	.09	.18	.40	Z4A102*	.09	.18	.40	Z6A102*
.0012	.09	.18	.40	Z5A122*	.09	.18	.40	Z1A122*	.09	.18	.40	Z2A122*	.09	.18	.40	Z4A122*	.09	.18	.40	Z6A122*
.0015	.09	.18	.40	Z5A152*	.09	.18	.40	Z1A152*	.09	.18	.40	Z2A152*	.09	.18	.40	Z4A152*	.09	.18	.40	Z6A152*
.0018	.09	.18	.40	Z5A182*	.09	.18	.40	Z1A182*	.09	.18	.40	Z2A182*	.09	.18	.40	Z4A182*	.09	.18	.40	Z6A182*
.0022	.09	.18	.40	Z5A222*	.09	.18	.40	Z1A222*	.09	.18	.40	Z2A222*	.09	.18	.40	Z4A222*	.09	.18	.40	Z6A222*
.0027	.09	.18	.40	Z5A272*	.09	.18	.40	Z1A272*	.09	.18	.40	Z2A272*	.09	.18	.40	Z4A272*	.09	.18	.40	Z6A272*
.0033	.09	.18	.40	Z5A332*	.09	.18	.40	Z1A332*	.09	.18	.40	Z2A332*	.09	.18	.40	Z4A332*	.09	.18	.40	Z6A332*
.0039	.09	.18	.40	Z5A392*	.09	.18	.40	Z1A392*	.09	.18	.40	Z2A392*	.09	.18	.40	Z4A392*	.09	.18	.40	Z6A392*
.0047	.09	.18	.40	Z5A472*	.09	.18	.40	Z1A472*	.09	.18	.40	Z2A472*	.09	.18	.40	Z4A472*	.09	.18	.40	Z6A472*
.0056	.09	.18	.40	Z5A562*	.09	.18	.40	Z1A562*	.09	.18	.40	Z2A562*	.09	.18	.40	Z4A562*	.09	.18	.53	Z6A562*
.0068	.09	.18	.40	Z5A682*	.09	.18	.40	Z1A682*	.09	.18	.40	Z2A682*	.09	.18	.40	Z4A682*	.09	.18	.53	Z6A682*
.0082	.09	.18	.40	Z5A822*	.09	.18	.40	Z1A822*	.09	.18	.40	Z2A822*	.09	.18	.40	Z4A822*	.09	.18	.53	Z6A822*
.01	.09	.18	.40	Z5A103*	.09	.18	.40	Z1A103*	.09	.18	.40	Z2A103*	.09	.18	.40	Z4A103*	.09	.18	.53	Z6A103*
.012	.09	.18	.40	Z5A123*	.09	.18	.40	Z1A123*	.09	.18	.40	Z2A123*	.09	.18	.53	Z4A123*	.11	.20	.53	Z6A123*
.015	.09	.18	.40	Z5A153*	.09	.18	.40	Z1A153*	.09	.18	.40	Z2A153*	.09	.18	.53	Z4A153*	.12	.22	.53	Z6A153*
.018	.09	.18	.40	Z5A183*	.09	.18	.40	Z1A183*	.09	.18	.40	Z2A183*	.09	.18	.53	Z4A183*	.14	.23	.53	Z6A183*
.022	.09	.18	.40	Z5A223*	.09	.18	.40	Z1A223*	.09	.18	.53	Z2A223*	.09	.18	.53	Z4A223*	.15	.25	.53	Z6A223*
.027	.09	.18	.40	Z5A273*	.09	.18	.40	Z1A273*	.09	.18	.53	Z2A273*	.11	.21	.53	Z4A273*	.18	.27	.53	Z6A273*
.033	.09	.18	.40	Z5A333*	.11	.19	.40	Z1A333*	.09	.18	.53	Z2A333*	.12	.22	.53	Z4A333*	.18	.29	.53	Z6A333*
.039	.09	.18	.40	Z5A393*	.12	.20	.40	Z1A393*	.09	.18	.53	Z2A393*	.14	.24	.53	Z4A393*	.18	.27	.65	Z6A393*
.047	.09	.18	.40	Z5A473*	.12	.22	.40	Z1A473*	.09	.18	.53	Z2A473*	.15	.25	.53	Z4A473*	.20	.29	.65	Z6A473*
.056	.09	.18	.40	Z5A563*	.12	.25	.40	Z1A563*	.11	.20	.53	Z2A563*	.17	.27	.53	Z4A563*	.22	.32	.65	Z6A563*
.068	.09	.18	.40	Z5A683*	.12	.28	.40	Z1A683*	.12	.22	.53	Z2A683*	.20	.30	.53	Z4A683*	.23	.34	.65	Z6A683*
.082	.10	.20	.40	Z5A823*	.10	.20	.53	Z1A823*	.14	.23	.53	Z2A823*	.16	.28	.68	Z4A823*	.25	.35	.65	Z6A823*
.1	.12	.22	.40	Z5A104*	.12	.21	.53	Z1A104*	.16	.25	.53	Z2A104*	.18	.20	.65	Z4A104*	.25	.35	.78	Z6A104*
.12	.13	.23	.40	Z5A124*	.13	.22	.53	Z1A124*	.17	.27	.53	Z2A124*	.20	.32	.65	Z4A124*	.28	.37	.78	Z6A124*
.15	.15	.25	.40	Z5A154*	.15	.23	.53	Z1A154*	.20	.29	.53	Z2A154*	.23	.36	.65	Z4A154*	.27	.39	.90	Z6A154*
.18	.10	.20	.53	Z5A184*	.17	.25	.53	Z1A184*	.22	.32	.53	Z2A184*	.21	.34	.78	Z4A184*	.31	.44	.90	Z6A184*
.22	.12	.22	.53	Z5A224*	.19	.27	.53	Z1A224*	.18	.31	.65	Z2A224*	.24	.37	.78	Z4A224*	.27	.39	1.17	Z6A224*
.27	.13	.23	.53	Z5A274*	.15	.27	.65	Z1A274*	.21	.33	.65	Z2A274*	.27	.40	.78	Z4A274*	.31	.44	1.17	Z6A274*
.33	.15	.25	.53	Z5A334*	.17	.24	.65	Z1A334*	.24	.36	.65	Z2A334*	.27	.40	.90	Z4A334*	.35	.48	1.17	Z6A334*
.39	.17	.27	.53	Z5A394*	.15	.27	.78	Z1A394*	.22	.34	.78	Z2A394*	.30	.42	.90	Z4A394*	.39	.53	1.17	Z6A394*
.47	.19	.29	.53	Z5A474*	.17	.27	.78	Z1A474*	.24	.37	.78	Z2A474*	.33	.46	.90	Z4A474*	.44	.57	1.17	Z6A474*
.56	.16	.28	.65	Z5A564*	.19	.31	.78	Z1A564*	.27	.40	.78	Z2A564*	.29	.44	1.17	Z4A564*	.48	.60	1.17	Z6A564*
.68	.17	.30	.65	Z5A684*	.22	.33	.78	Z1A684*	.31	.43	.78	Z2A684*	.33	.48	1.17	Z4A684*	.39	.57	1.70	Z6A684*
.82	.19	.32	.65	Z5A824*	.23	.33	.78	Z1A824*	.34	.47	.78	Z2A824*	.37	.52	1.17	Z4A824*	.44	.60	1.70	Z6A824*
1.0	.22	.35	.65	Z5A105*	.23	.34	.90	Z1A105*	.33	.46	.90	Z2A105*	.41	.56	1.17	Z4A105*	.50	.65	1.70	Z6A105*
1.2	.21	.33	.78	Z5A125*	.25	.38	.90	Z1A125*	.29	.42	1.17	Z2A125*	.40	.55	1.40	Z4A125*	.54	.74	1.70	Z6A125*
1.5	.24	.36	.78	Z5A155*	.29	.39	.90	Z1A155*	.34	.48	1.17	Z2A155*	.45	.60	1.40	Z4A155*	.64	.78	1.70	Z6A155*
1.8	.26	.39	.78	Z5A185*	.32	.45	.90	Z1A185*	.38	.52	1.17	Z2A185*	.42	.62	1.70	Z4A185*	.68	.88	1.70	Z6A185*
2.0	.28	.41	.78	Z5A205*	.34	.45	.90	Z1A205*	.40	.55	1.17	Z2A205*	.45	.65	1.70	Z4A205*	.73	.93	1.70	Z6A205*
3.0	.31	.44	.90	Z5A305*	.35	.45	1.17	Z1A305*	.52	.64	1.17	Z2A305*	.47	.77	1.98	Z4A305*	.80	1.05	1.98	Z6A305*
4.0	.29	.44	1.17	Z5A405*	.35	.46	1.40	Z1A405*	.52	.66	1.40	Z2A405*	.52	.82	2.20	Z4A405*	.95	1.20	1.98	Z6A405*
5.0	.34	.48	1.17	Z5A505*	.40	.55	1.70	Z1A505*	.50	.69	1.70	Z2A505*	.60	.90	2.20	Z4A505*	1.00	1.25	2.25	Z6A505*
6.0	.37	.52	1.17	Z5A605*	.40	.57	1.70	Z1A605*	.58	.73	1.70	Z2A605*								
8.0	.44	.59	1.17	Z5A805*	.40	.63	1.98	Z1A805*	.55	.84	1.98	Z2A805*								
10.0	.44	.58	1.40	Z5A106*	.40	.80	1.98	Z1A106*	.57	.87	2.20	Z2A106*								
12.0	.41	.60	1.70	Z5A126*	.40	.92	1.98	Z1A126*	.64	.94	2.20	Z2A126*								
15.0	.46	.66	1.70	Z5A156*	.40	1.20	1.98	Z1A156*	.73	1.03	2.20	Z2A156*								
18.0	.52	.72	1.70	Z5A186*																
20.0	.45	.75	1.98	Z5A206*																
25.0	.52	.82	1.98	Z5A256*																

\* Add Tolerance Code

### How To Order

(Add tolerance code to part number, and options, if required):

Z 5 A 104 K -1

### SERIES

VOLTAGE: 5=50V 1=100V 2=200V 4=400V 6=600V

STYLE: (WRAP AND FILL, OVAL, AXIAL)

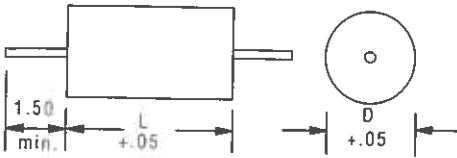
OPTIONS: -1=ADD CLEAR SLEEVE /R=TAPE AND REEL

TOLERANCE CODE: F=1% G=2% H=3% J=5% K=10% M=20%

CAPACITANCE CODE (EIA STANDARD)

# METALLIZED POLYESTER

## Round Wrap & Fill — Z Series



LEAD SIZE		
CASE LENGTH	A.W.G.	LEAD DIA.
.40 thru .65	No. 24	.020
.78 thru .90	No. 22	.025
1.17 thru 2.25	No. 20	.032

MFD	50 VDC			100 VDC			200 VDC			400 VDC			600 VDC		
	D	L	PART NO.	D	L	PART NO.	D	L	PART NO.	D	L	PART NO.	D	L	PART NO.
.001	.15	.40	Z5B102*	.15	.40	Z1B102*	.15	.40	Z2B102*	.15	.40	Z4B102*	.15	.40	Z6B102*
.0012	.15	.40	Z5B122*	.15	.40	Z1B122*	.15	.40	Z2B122*	.15	.40	Z4B122*	.15	.40	Z6B122*
.0015	.15	.40	Z5B152*	.15	.40	Z1B152*	.15	.40	Z2B152*	.15	.40	Z4B152*	.15	.40	Z6B152*
.0018	.15	.40	Z5B182*	.15	.40	Z1B182*	.15	.40	Z2B182*	.15	.40	Z4B182*	.15	.40	Z6B182*
.0022	.15	.40	Z5B222*	.15	.40	Z1B222*	.15	.40	Z2B222*	.15	.40	Z4B222*	.15	.40	Z6B222*
.0027	.15	.40	Z5B272*	.15	.40	Z1B272*	.15	.40	Z2B272*	.15	.40	Z4B272*	.15	.40	Z6B272*
.0033	.15	.40	Z5B332*	.15	.40	Z1B332*	.15	.40	Z2B332*	.15	.40	Z4B332*	.15	.40	Z6B332*
.0039	.15	.40	Z5B392*	.15	.40	Z1B392*	.15	.40	Z2B392*	.15	.40	Z4B392*	.15	.40	Z6B392*
.0047	.15	.40	Z5B472*	.15	.40	Z1B472*	.15	.40	Z2B472*	.15	.40	Z4B472*	.15	.40	Z6B472*
.0056	.15	.40	Z5B562*	.15	.40	Z1B562*	.15	.40	Z2B562*	.15	.40	Z4B562*	.15	.53	Z6B562*
.0068	.15	.40	Z5B682*	.15	.40	Z1B682*	.15	.40	Z2B682*	.15	.40	Z4B682*	.15	.53	Z6B682*
.0082	.15	.40	Z5B822*	.15	.40	Z1B822*	.15	.40	Z2B822*	.15	.40	Z4B822*	.15	.53	Z6B822*
.01	.15	.40	Z5B103*	.15	.40	Z1B103*	.15	.40	Z2B103*	.15	.53	Z4B103*	.15	.53	Z6B103*
.012	.15	.40	Z5B123*	.15	.40	Z1B123*	.15	.40	Z2B123*	.15	.53	Z4B123*	.16	.53	Z6B123*
.015	.15	.40	Z5B153*	.15	.40	Z1B153*	.15	.40	Z2B153*	.15	.53	Z4B153*	.17	.53	Z6B153*
.018	.15	.40	Z5B183*	.15	.40	Z1B183*	.15	.40	Z2B183*	.15	.53	Z4B183*	.19	.53	Z6B183*
.022	.15	.40	Z5B223*	.15	.40	Z1B223*	.15	.53	Z2B223*	.15	.53	Z4B223*	.21	.53	Z6B223*
.027	.15	.40	Z5B273*	.15	.40	Z1B273*	.15	.53	Z2B273*	.17	.53	Z4B273*	.23	.53	Z6B273*
.033	.15	.40	Z5B333*	.15	.40	Z1B333*	.15	.53	Z2B333*	.18	.53	Z4B333*	.25	.53	Z6B333*
.039	.15	.40	Z5B393*	.15	.40	Z1B393*	.15	.53	Z2B393*	.20	.53	Z4B393*	.22	.65	Z6B393*
.047	.15	.40	Z5B473*	.16	.40	Z1B473*	.15	.53	Z2B473*	.21	.53	Z4B473*	.24	.65	Z6B473*
.056	.15	.40	Z5B563*	.17	.40	Z1B563*	.17	.53	Z2B563*	.23	.53	Z4B563*	.26	.65	Z6B563*
.068	.15	.40	Z5B683*	.20	.40	Z1B683*	.18	.53	Z2B683*	.26	.53	Z4B683*	.28	.65	Z6B683*
.082	.16	.40	Z5B823*	.15	.53	Z1B823*	.20	.53	Z2B823*	.22	.65	Z4B823*	.31	.65	Z6B823*
.1	.18	.40	Z5B104*	.16	.53	Z1B104*	.22	.53	Z2B104*	.25	.65	Z4B104*	.31	.78	Z6B104*
.12	.19	.40	Z5B124*	.17	.53	Z1B124*	.24	.53	Z2B124*	.27	.65	Z4B124*	.33	.78	Z6B124*
.15	.21	.40	Z5B154*	.19	.53	Z1B154*	.26	.53	Z2B154*	.30	.65	Z4B154*	.33	.90	Z6B154*
.18	.16	.53	Z5B184*	.21	.53	Z1B184*	.28	.53	Z2B184*	.30	.78	Z4B184*	.36	.90	Z6B184*
.22	.18	.53	Z5B224*	.22	.53	Z1B224*	.26	.65	Z2B224*	.32	.78	Z4B224*	.33	1.17	Z6B224*
.27	.20	.53	Z5B274*	.21	.65	Z1B274*	.28	.65	Z2B274*	.35	.78	Z4B274*	.36	1.17	Z6B274*
.33	.21	.53	Z5B334*	.23	.65	Z1B334*	.31	.65	Z2B334*	.35	.90	Z4B334*	.40	1.17	Z6B334*
.39	.23	.53	Z5B394*	.22	.78	Z1B394*	.30	.78	Z2B394*	.38	.90	Z4B394*	.44	1.17	Z6B394*
.47	.25	.53	Z5B474*	.23	.78	Z1B474*	.32	.78	Z2B474*	.41	.90	Z4B474*	.51	1.17	Z6B474*
.56	.23	.65	Z5B564*	.25	.78	Z1B564*	.35	.78	Z2B564*	.38	1.17	Z4B564*	.56	1.17	Z6B564*
.68	.25	.65	Z5B684*	.28	.78	Z1B684*	.39	.78	Z2B684*	.42	1.17	Z4B684*	.46	1.70	Z6B684*
.82	.27	.65	Z5B824*	.30	.78	Z1B824*	.42	.78	Z2B824*	.46	1.17	Z4B824*	.52	1.70	Z6B824*
1.0	.30	.65	Z5B105*	.30	.90	Z1B105*	.42	.90	Z2B105*	.50	1.17	Z4B105*	.55	1.70	Z6B105*
1.2	.29	.78	Z5B125*	.33	.90	Z1B125*	.38	1.17	Z2B125*	.49	1.40	Z4B125*	.60	1.70	Z6B125*
1.5	.32	.78	Z5B155*	.36	.90	Z1B155*	.43	1.17	Z2B155*	.54	1.40	Z4B155*	.72	1.70	Z6B155*
1.8	.34	.78	Z5B185*	.39	.90	Z1B185*	.47	1.17	Z2B185*	.54	1.70	Z4B185*	.77	1.70	Z6B185*
2.0	.36	.78	Z5B205*	.41	.90	Z1B205*	.49	1.17	Z2B205*	.57	1.70	Z4B205*	.81	1.70	Z6B205*
3.0	.39	.90	Z5B305*	.42	1.17	Z1B305*	.60	1.17	Z2B305*	.64	1.90	Z4B305*			
4.0	.38	1.17	Z5B405*	.43	1.40	Z1B405*	.61	1.40	Z2B405*	.73	1.90	Z4B405*			
5.0	.42	1.17	Z5B505*	.45	1.68	Z1B505*	.61	1.70	Z2B505*	.82	1.90	Z4B505*			
6.0	.46	1.17	Z5B605*	.47	1.98	Z1B605*	.67	1.70	Z2B605*						
8.0	.53	1.17	Z5B805*	.54	1.98	Z1B805*	.71	1.90	Z2B805*						
10.0	.53	1.40	Z5B106*	.62	1.98	Z1B106*	.74	2.20	Z2B106*						
12.0	.53	1.70	Z5B126*	.71	1.98	Z1B126*	.81	2.20	Z2B126*						
15.0	.58	1.70	Z5B156*	.85	1.98	Z1B156*	.91	2.20	Z2B156*						
18.0	.64	1.70	Z5B186*												
20.0	.62	1.90	Z5B206*												
25.0	.70	1.90	Z5B256*												

\* Add Tolerance Code

### How To Order

(Add tolerance code to part number, and options, if required):

Z 5 B 104 K\* -1

### SERIES

VOLTAGE: 5=50V 1=100V 2=200V 4=400V 6=600V

STYLE: (WRAP AND FILL, ROUND, AXIAL)

OPTIONS: -1=ADD CLEAR SLEEVE /R=TAPE AND REEL

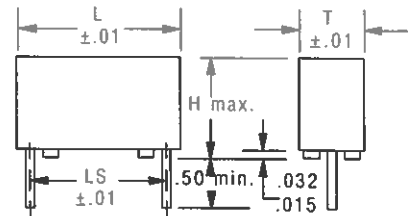
TOLERANCE CODE: F=1% G=2% H=3% J=5% K=10% M=20%

CAPACITANCE CODE (EIA STANDARD)

# METALLIZED POLYESTER

## Z Series — Molded Box, Radial

LEAD SPACING AND SIZE					
DIM. L	DIM. LS	A.W.G.	DIM. L	DIM. LS	A.W.G.
.42	.30	No. 22	1.04	.80	No. 22
.55	.40	No. 22	1.24	1.10	No. 20
.67	.50	No. 22	1.75	1.60	No. 20
.82	.60	No. 22	1.95	1.80	No. 18



MFD	50 VDC				100 VDC				200 VDC				400 VDC				600 VDC			
	T	H	L	PART NO.	T	H	L	PART NO.	T	H	L	PART NO.	T	H	L	PART NO.	T	H	L	PART NO.
.001	.18	.33	.42	Z5R102*	.18	.33	.42	Z1R102*	.18	.33	.42	Z2R102*	.18	.33	.42	Z4R102*	.18	.33	.42	Z6R102*
.0012	.18	.33	.42	Z5R122*	.18	.33	.42	Z1R122*	.18	.33	.42	Z2R122*	.18	.33	.42	Z4R122*	.18	.33	.42	Z6R122*
.0015	.18	.33	.42	Z5R152*	.18	.33	.42	Z1R152*	.18	.33	.42	Z2R152*	.18	.33	.42	Z4R152*	.18	.33	.42	Z6R152*
.0018	.18	.33	.42	Z5R182*	.18	.33	.42	Z1R182*	.18	.33	.42	Z2R182*	.18	.33	.42	Z4R182*	.18	.33	.42	Z6R182*
.0022	.18	.33	.42	Z5R222*	.18	.33	.42	Z1R222*	.18	.33	.42	Z2R222*	.18	.33	.42	Z4R222*	.18	.33	.42	Z6R222*
.0027	.18	.33	.42	Z5R272*	.18	.33	.42	Z1R272*	.18	.33	.42	Z2R272*	.18	.33	.42	Z4R272*	.18	.33	.42	Z6R272*
.0033	.18	.33	.42	Z5R332*	.18	.33	.42	Z1R332*	.18	.33	.42	Z2R332*	.18	.33	.42	Z4R332*	.18	.33	.42	Z6R332*
.0039	.18	.33	.42	Z5R392*	.18	.33	.42	Z1R392*	.18	.33	.42	Z2R392*	.18	.33	.42	Z4R392*	.18	.33	.42	Z6R392*
.0047	.18	.33	.42	Z5R472*	.18	.33	.42	Z1R472*	.18	.33	.42	Z2R472*	.18	.33	.42	Z4R472*	.18	.33	.55	Z6R472*
.0056	.18	.33	.42	Z5R562*	.18	.33	.42	Z1R562*	.18	.33	.42	Z2R562*	.18	.33	.42	Z4R562*	.18	.33	.55	Z6R562*
.0068	.18	.33	.42	Z5R682*	.18	.33	.42	Z1R682*	.18	.33	.42	Z2R682*	.18	.33	.42	Z4R682*	.18	.33	.55	Z6R682*
.0082	.18	.33	.42	Z5R822*	.18	.33	.42	Z1R822*	.18	.33	.42	Z2R822*	.18	.33	.55	Z4R822*	.24	.40	.55	Z6R822*
.01	.18	.33	.42	Z5R103*	.18	.33	.42	Z1R103*	.18	.33	.42	Z2R103*	.18	.33	.55	Z4R103*	.24	.40	.55	Z6R103*
.012	.18	.33	.42	Z5R123*	.18	.33	.42	Z1R123*	.18	.33	.42	Z2R123*	.18	.33	.55	Z4R123*	.24	.40	.55	Z6R123*
.015	.18	.33	.42	Z5R153*	.18	.33	.42	Z1R153*	.18	.33	.42	Z2R153*	.18	.33	.55	Z4R153*	.24	.40	.55	Z6R153*
.018	.18	.33	.42	Z5R183*	.18	.33	.42	Z1R183*	.18	.33	.42	Z2R183*	.18	.33	.55	Z4R183*	.24	.40	.55	Z6R183*
.022	.18	.33	.42	Z5R223*	.18	.33	.42	Z1R223*	.18	.33	.55	Z2R223*	.18	.33	.55	Z4R223*	.24	.40	.55	Z6R223*
.027	.18	.33	.42	Z5R273*	.18	.33	.42	Z1R273*	.18	.33	.55	Z2R273*	.18	.33	.55	Z4R273*	.30	.46	.55	Z6R273*
.033	.18	.33	.42	Z5R333*	.18	.33	.42	Z1R333*	.18	.33	.55	Z2R333*	.24	.40	.55	Z4R333*	.30	.46	.55	Z6R333*
.039	.18	.33	.42	Z5R393*	.18	.33	.42	Z1R393*	.18	.33	.55	Z2R393*	.24	.40	.55	Z4R393*	.30	.46	.67	Z6R393*
.047	.18	.33	.42	Z5R473*	.18	.33	.42	Z1R473*	.18	.33	.55	Z2R473*	.24	.40	.55	Z4R473*	.30	.46	.67	Z6R473*
.056	.18	.33	.42	Z5R563*	.18	.33	.55	Z1R563*	.18	.33	.55	Z2R563*	.24	.40	.55	Z4R563*	.30	.46	.67	Z6R563*
.068	.18	.33	.42	Z5R683*	.18	.33	.55	Z1R683*	.18	.33	.55	Z2R683*	.30	.46	.55	Z4R683*	.40	.58	.82	Z6R683*
.082	.18	.33	.42	Z5R823*	.18	.33	.55	Z1R823*	.24	.40	.55	Z2R823*	.30	.46	.67	Z4R823*	.40	.58	.82	Z6R823*
.1	.18	.33	.55	Z5R104*	.18	.33	.55	Z1R104*	.24	.40	.55	Z2R104*	.30	.46	.82	Z4R104*	.40	.58	.82	Z6R104*
.12	.18	.33	.55	Z5R124*	.18	.33	.55	Z1R124*	.24	.40	.55	Z2R124*	.30	.46	.82	Z4R124*	.40	.58	.82	Z6R124*
.15	.18	.33	.55	Z5R154*	.24	.40	.55	Z1R154*	.24	.40	.55	Z2R154*	.30	.46	.82	Z4R154*	.40	.58	1.04	Z6R154*
.18	.18	.33	.55	Z5R184*	.24	.40	.55	Z1R184*	.30	.46	.55	Z2R184*	.40	.58	.82	Z4R184*	.40	.58	1.04	Z6R184*
.22	.18	.33	.55	Z5R224*	.24	.40	.55	Z1R224*	.30	.46	.67	Z2R224*	.40	.58	.82	Z4R224*	.40	.58	1.24	Z6R224*
.27	.18	.33	.55	Z5R274*	.24	.40	.55	Z1R274*	.30	.46	.67	Z2R274*	.40	.58	.82	Z4R274*	.40	.58	1.24	Z6R274*
.33	.24	.40	.55	Z5R334*	.30	.46	.55	Z1R334*	.30	.46	.67	Z2R334*	.40	.58	1.04	Z4R334*	.57	.76	1.24	Z6R334*
.39	.24	.40	.55	Z5R394*	.30	.46	.55	Z1R394*	.30	.46	.67	Z2R394*	.40	.58	1.24	Z4R394*	.57	.76	1.24	Z6R394*
.47	.24	.40	.55	Z5R474*	.30	.46	.67	Z1R474*	.30	.46	.82	Z2R474*	.40	.58	1.24	Z4R474*	.57	.76	1.24	Z6R474*
.56	.30	.46	.67	Z5R564*	.30	.46	.67	Z1R564*	.40	.58	.82	Z2R564*	.40	.58	1.24	Z4R564*	.57	.76	1.24	Z6R564*
.68	.30	.46	.67	Z5R684*	.30	.46	.67	Z1R684*	.40	.58	.82	Z2R684*	.57	.76	1.24	Z4R684*	.57	.76	1.75	Z6R684*
.82	.30	.46	.67	Z5R824*	.30	.46	.82	Z1R824*	.40	.58	.82	Z2R824*	.57	.76	1.24	Z4R824*	.57	.76	1.75	Z6R824*
1.0	.30	.46	.67	Z5R105*	.40	.58	.82	Z1R105*	.40	.58	1.04	Z2R105*	.57	.76	1.24	Z4R105*				
1.2	.30	.46	.82	Z5R125*	.40	.58	.82	Z1R125*	.40	.58	1.24	Z2R125*	.57	.76	1.75	Z4R125*				
1.5	.30	.46	.82	Z5R155*	.40	.58	.82	Z1R155*	.40	.58	1.24	Z2R155*	.57	.76	1.75	Z4R155*				
1.8	.30	.46	.82	Z5R185*	.40	.58	1.04	Z1R185*	.57	.76	1.24	Z2R185*	.57	.76	1.75	Z4R185*				
2.0	.40	.58	.82	Z5R205*	.40	.58	1.04	Z1R205*	.57	.76	1.24	Z2R205*	.57	.76	1.75	Z4R205*				
3.0	.40	.58	1.04	Z5R305*	.40	.58	1.24	Z1R305*	.57	.76	1.24	Z2R305*								
4.0	.40	.58	1.24	Z5R405*	.57	.76	1.75	Z1R405*	.57	.76	1.75	Z2R405*								
5.0	.40	.58	1.24	Z5R505*	.57	.76	1.75	Z1R505*												
6.0	.57	.76	1.24	Z5R605*	.57	.76	1.75	Z1R605*												
8.0	.57	.76	1.24	Z5R805*	.57	.76	1.75	Z1R805*												
10.0	.57	.76	1.24	Z5R106*	.75	.60	1.95	Z1R106*												
12.0	.57	.76	1.75	Z5R126*																
15.0	.57	.76	1.75	Z5R156*																

\* Add Tolerance Code

### How To Order

(Add tolerance code to part number, and options, if required):

Z 5 R 103 K -1

### SERIES

VOLTAGE: 5=50V 1=100V 2=200V 4=400V 6=600V

STYLE: (MOLDED BOX, RADIAL)

OPTIONS: -1=ADD CLEAR SLEEVE /R=TAPE AND REEL

TOLERANCE CODE: F=1% G=2% H=3% J=5% K=10% M=20%

CAPACITANCE CODE (EIA STANDARD)