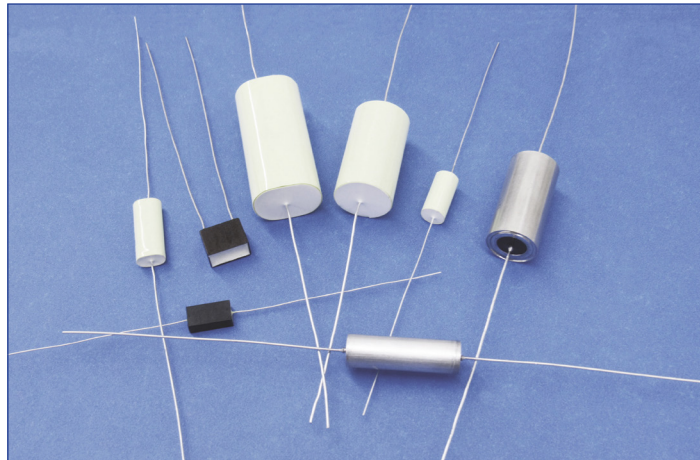# Streamline Avionics, Inc.

METALLIZED POLYESTER
Z Series

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°C to +85°C at full rated voltage, derated linearly from +85°C to 50% at +125°C
Dissipation Factor @ +25°C	0.8% Maximum @ 1Khz
Insulation Resistance @ +25°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°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°C.
Temperature Coefficient	960 PPM/°C (Non Linear)

CURVES VS. TEMPERATURE
Z Series

CAPACITANCE CHANGE VS. TEMPERATURE

DISSIPATION FACTOR VS. TEMPERATURE

INSULATION RESISTANCE VS. TEMPERATURE
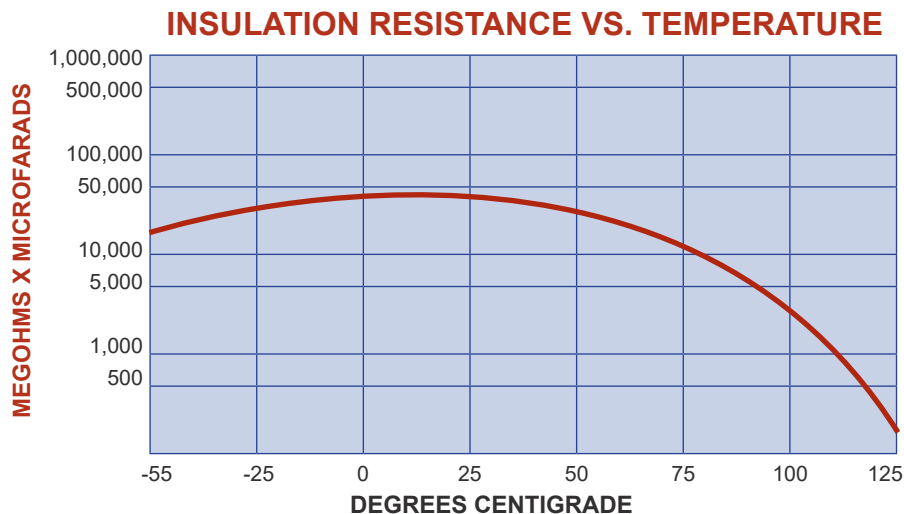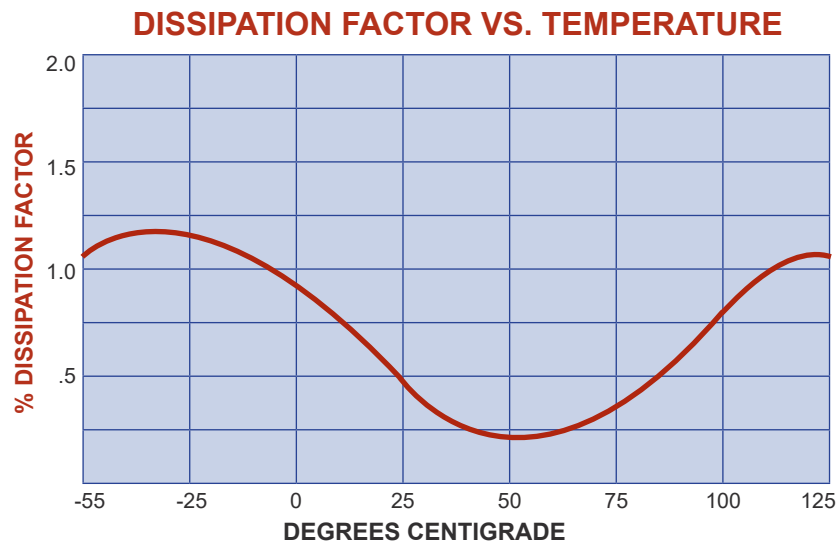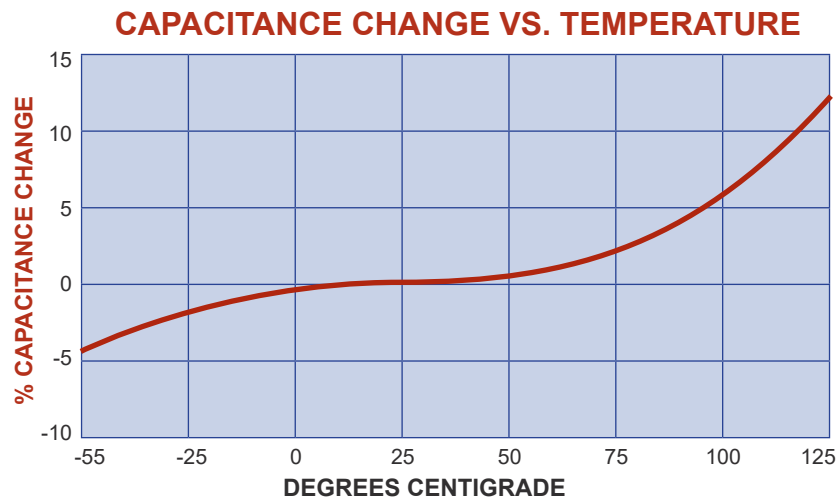
METALLIZED POLYESTER

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
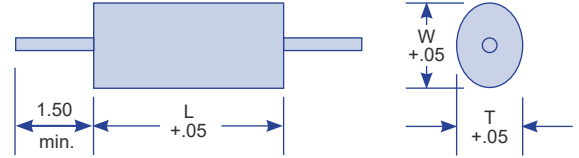
MFD	50 VDC				100 VDC				200 VDC				400 VDC				600 VDC			
	T	W	L	PART NO.	T	W	L	PART NO.	T	W	L	PART NO.	T	W	L	PART NO.	T	W	L	PART NO.
.001	.09	.18	.40	Z5A102*	.09	.18	.40	Z1A102*	.09	.18	.40	Z2A102*	.09	.18	.40	Z4A102*	.09	.18	.40	PM6A102*
.0012	.09	.18	.40	Z5A122*	.09	.18	.40	Z1A122*	.09	.18	.40	Z2A122*	.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	Z5A123*	.09	.18	.53	Z4A123*	.11	.20	.53	Z6A123*
.015	.09	.18	.40	Z5A153*	.09	.18	.40	Z1A153*	.09	.18	.40	Z5A153*	.09	.18	.53	Z4A153*	.12	.22	.53	Z6A153*
.018	.09	.18	.40	Z5A183*	.09	.18	.40	Z1A183*	.09	.18	.40	Z5A183*	.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	1.90	Z2A805*								
10.0	.44	.58	1.40	Z5A106*	.40	.80	1.98	Z1A106*	.57	.87	2.20	Z2A106*								
12.0	.41	.60	1.17	Z5A126*	.40	.92	1.98	Z1A126*	.64	.94	2.20	Z2A126*								
15.0	.46	.66	1.17	Z5A156*	.40	1.20	1.98	Z1A156*	.73	1.03	2.20	Z2A156*								
18.0	.52	.72	1.17	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

STYLE: (WRAP AND FILL, OVAL, AXIAL)

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

CAPACITANCE CODE (EIA STANDARD)

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

OPTIONS: -1=ADD CLEAR SLEEVE

METALLIZED POLYESTER

Z Series - Round 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 D	50 VDC L	50 VDC PART NO.	100 VDC D	100 VDC L	100 VDC PART NO.	200 VDC D	200 VDC L	200 VDC PART NO.	400 VDC D	400 VDC L	400 VDC PART NO.	600 VDC D	600 VDC L	600 VDC 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	.40	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	Z4B155*	.60	1.70	Z6B155*
1.5	.32	.78	Z5B155*	.36	.90	Z1B155*	.43	1.17	Z2B155*	.54	1.40	Z4B205*	.72	1.70	Z6B205*
1.8	.34	.78	Z5B185*	.39	.90	Z1B185*	.47	1.17	Z2B185*	.54	1.70	Z2B185*	.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

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

CAPACITANCE CODE (EIA STANDARD)

METALLIZED POLYPROPYLENE

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
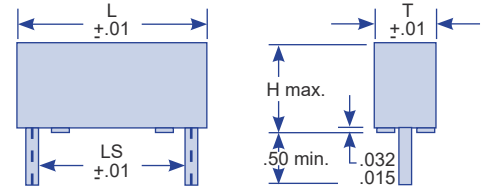
MFD	50 VDC				100 VDC				200 VDC				400 VDC				600 VDC			
	T	H	L	PART NO.	T	H	L	PART NO.	T	H	L	PART NO.	T	H	L	PART NO.	T	H	L	PART NO.
.001	.18	.33	.42	Z5R102*	.18	.33	.42	Z1R102*	.18	.33	.42	Z2R102*	.18	.33	.42	Z4R102*	.18	.33	.42	Z6R102*
.0012	.18	.33	.42	Z5R122*	.18	.33	.42	Z1R122*	.18	.33	.42	Z2R122*	.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	.4	.55	Z4R333*	.30	.46	.55	Z6R333*
.039	.18	.33	.42	Z5R393*	.18	.33	.42	Z1R393*	.18	.33	.55	Z2R393*	.24	.4	.55	Z4R393*	.30	.46	.67	Z6R393*
.047	.18	.33	.42	Z5R473*	.18	.33	.42	Z1R473*	.18	.33	.55	Z2R473*	.24	.4	.55	Z4R473*	.30	.46	.67	Z6R473*
.056	.18	.33	.42	Z5R563*	.18	.33	.55	Z1R563*	.18	.33	.55	Z2R563*	.24	.4	.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	.82	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):

PM | **5** | **R** | **103** | **K*** | **-1**

SERIES

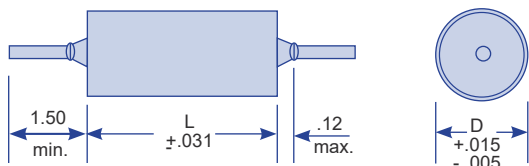VOLTAGE: 5=50V 1=100V 2=200V 4=400V 6=600V

STYLE: (MOLDED BOX, RADIAL)

OPTIONS: -1=CLEAR SLEEVE

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

CAPACITANCE CODE (EIA STANDARD)

METALLIZED POLYESTER

Z Series - Hermetic Can

LEAD SIZE		
CASE LENGTH	A.W.G.	LEAD DIA
.175 thru .195	No. 24	.020
.234 thru .312	No.22	.025
.400 thru 1.00	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	.175	.625	Z5L102*	.175	.625	Z1L102*	.175	.625	Z2L102*	.175	.625	Z4L102*	.195	.625	Z6L102*
.0012	.175	.625	Z5L122*	.175	.625	Z1L122*	.175	.625	Z2L122*	.175	.625	Z4L122*	.195	.625	Z6L122*
.0015	.175	.625	Z5L152*	.175	.625	Z1L152*	.175	.625	Z2L152*	.175	.625	Z4L152*	.195	.625	Z6L152*
.0018	.175	.625	Z5L182*	.175	.625	Z1L182*	.175	.625	Z2L182*	.175	.625	Z4L182*	.235	.625	Z6L182*
.0022	.175	.625	Z5L222*	.175	.625	Z1L222*	.175	.625	Z2L222*	.195	.625	Z4L222*	.235	.625	Z6L222*
.0027	.175	.625	Z5L272*	.175	.625	Z1L272*	.175	.625	Z2L272*	.195	.625	Z4L272*	.235	.625	Z6L272*
.0033	.175	.625	Z5L332*	.175	.625	Z1L332*	.175	.625	Z2L332*	.195	.625	Z4L332*	.235	.625	Z6L332*
.0039	.175	.625	Z5L392*	.175	.625	Z1L392*	.175	.625	Z2L392*	.235	.625	Z4L392*	.235	.625	Z6L392*
.0047	.175	.625	Z5L472*	.175	.625	Z1L472*	.175	.625	Z2L472*	.235	.625	Z4L472*	.235	.625	Z6L472*
.0056	.175	.625	Z5L562*	.175	.625	Z1L562*	.175	.625	Z2L562*	.235	.625	Z4L562*	.235	.750	Z6L562*
.0068	.175	.625	Z5L682*	.175	.625	Z1L682*	.195	.625	Z2L682*	.235	.625	Z4L682*	.235	.750	Z6L682*
.0082	.175	.625	Z5L822*	.175	.625	Z1L822*	.195	.625	Z2L822*	.235	.625	Z4L822*	.235	.750	Z6L822*
.01	.175	.625	Z5L103*	.175	.625	Z1L103*	.195	.625	Z2L103*	.235	.625	Z4L103*	.235	.750	Z6L103*
.012	.175	.625	Z5L123*	.175	.625	Z1L123*	.235	.625	Z2L123*	.235	.750	Z4L123*	.312	.750	Z6L123*
.015	.175	.625	Z5L153*	.175	.625	Z1L153*	.235	.625	Z2L153*	.235	.750	Z4L153*	.312	.750	Z6L153*
.018	.175	.625	Z5L183*	.175	.625	Z1L183*	.235	.625	Z2L183*	.235	.750	Z4L183*	.312	.750	Z6L183*
.022	.175	.625	Z5L223*	.195	.625	Z1L223*	.235	.750	Z2L223*	.235	.750	Z4L223*	.312	.750	Z6L223*
.027	.195	.625	Z5L273*	.235	.625	Z1L273*	.235	.750	Z2L273*	.312	.750	Z4L273*	.312	.750	Z6L273*
.033	.195	.625	Z5L333*	.235	.625	Z1L333*	.235	.750	Z2L333*	.312	.750	Z4L333*	.400	.750	Z6L333*
.039	.195	.625	Z5L393*	.235	.625	Z1L393*	.235	.750	Z2L393*	.312	.750	Z4L393*	.400	.875	Z6L393*
.047	.235	.625	Z5L473*	.235	.625	Z1L473*	.235	.750	Z2L473*	.312	.750	Z4L473*	.400	.875	Z6L473*
.056	.235	.625	Z5L563*	.235	.625	Z1L563*	.312	.750	Z2L563*	.312	.750	Z4L563*	.400	.875	Z6L563*
.068	.235	.625	Z5L683*	.235	.625	Z1L683*	.312	.750	Z2L683*	.312	.875	Z4L683*	.400	.875	Z6L683*
.082	.312	.625	Z5L823*	.235	.750	Z1L823*	.312	.750	Z2L823*	.312	.875	Z4L823*	.400	.875	Z6L823*
.1	.312	.625	Z5L104*	.312	.750	Z1L104*	.312	.750	Z2L104*	.400	.875	Z4L104*	.400	1.000	Z6L104*
.12	.312	.625	Z5L124*	.312	.750	Z1L124*	.312	.750	Z2L124*	.400	.875	Z4L124*	.400	1.000	Z6L124*
.15	.312	.625	Z5L154*	.312	.750	Z1L154*	.400	.750	Z2L154*	.400	.875	Z4L154*	.500	1.125	Z6L154*
.18	.312	.750	Z5L184	.312	.750	Z1L184	.400	.750	Z2L184	.400	1.000	Z4L184	.500	1.125	Z6L184
.22	.312	.750	Z5L224*	.312	.750	Z1L224*	.400	.875	Z2L224*	.400	1.000	Z4L224*	.500	1.375	Z6L224*
.27	.312	.750	Z5L274*	.312	.875	Z1L274*	.400	.875	Z2L274*	.500	1.000	Z4L274*	.500	1.375	Z6L274*
.33	.312	.750	Z5L334*	.312	.875	Z1L334*	.400	.875	Z2L334*	.500	1.125	Z4L334*	.500	1.375	Z6L334*
.39	.312	.750	Z5L394*	.312	1.000	Z1L394*	.400	1.000	Z2L394*	.500	1.125	Z4L394*	.670	1.375	Z6L394*
.47	.400	.750	Z5L474*	.312	1.000	Z1L474*	.500	1.000	Z2L474*	.500	1.125	Z4L474*	.670	1.375	Z6L474*
.56	.400	.875	Z5L564*	.400	1.000	Z1L564*	.500	1.000	Z2L564*	.500	1.375	Z4L564*	.670	1.375	Z6L564*
.68	.400	.875	Z5L684*	.400	1.000	Z1L684*	.500	1.000	Z2L684*	.500	1.375	Z4L684*	.670	1.375	Z6L684*
.82	.400	.875	Z5L824*	.400	1.000	Z1L824*	.500	1.000	Z2L824*	.670	1.375	Z4L824*	.670	1.375	Z6L824*
1.0	.400	.875	Z5L105*	.400	1.125	Z1L105*	.500	1.125	Z2L105*	.670	1.375	Z4L105*	.670	1.875	Z6L105*
1.2	.400	1.000	Z5L125*	.400	1.125	Z1L125*	.500	1.375	Z2L125*	.670	1.625	Z4L125*	.750	1.875	Z6L125*
1.5	.500	1.000	Z5L155*	.500	1.125	Z1L155*	.500	1.375	Z2L155*	.670	1.625	Z4L155*	1.000	1.875	Z6L155*
1.8	.500	1.000	Z5L185*	.500	1.125	Z1L185*	.670	1.375	Z2L185*	.670	1.875	Z4L185*	1.000	1.875	Z6L185*
2.0	.500	1.000	Z5L205*	.500	1.125	Z1L205*	.670	1.375	Z2L205*	.670	1.875	Z4L205*	1.000	1.875	Z6L205*
3.0	.500	1.125	Z5L305*	.500	1.375	Z1L305*	.670	1.375	Z2L305*	.750	2.125	Z4L305*			
4.0	.500	1.375	Z5L405*	.500	1.625	Z1L405*	.750	1.625	Z2L405*	1.000	2.125	Z4L405*			
5.0	.500	1.375	Z5L505*	.562	1.875	Z1L505*	.750	1.875	Z2L505*	1.000	2.125	Z4L505*			
6.0	.670	1.375	Z5L605*	.562	2.125	Z1L605*	.750	1.875	Z2L605*						
8.0	.670	1.375	Z5L805*	.670	2.125	Z1L805*	1.000	2.125	Z2L805*						
10.0	.670	1.625	Z5L106*	.750	2.125	Z1L106*	1.000	2.375	Z2L106*						
12.0	.670	1.625	Z5L126*	1.000	2.125	Z1L126*									
15.0	.670	1.875	Z5L156*	1.000	2.125	Z1L156*									
18.0	.750	1.875	Z5L186*												
20.0	.750	1.875	Z5L206*												
25.0	1.000	2.125	Z5L256*												

* Add Tolerance Code

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

| Z | 5 | L | 103 | K* | -1 |

SERIES

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

STYLE: (HERMETIC CAN, AXIAL)

OPTIONS: -1=CLEAR SLEEVE

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

CAPACITANCE CODE (EIA STANDARD)