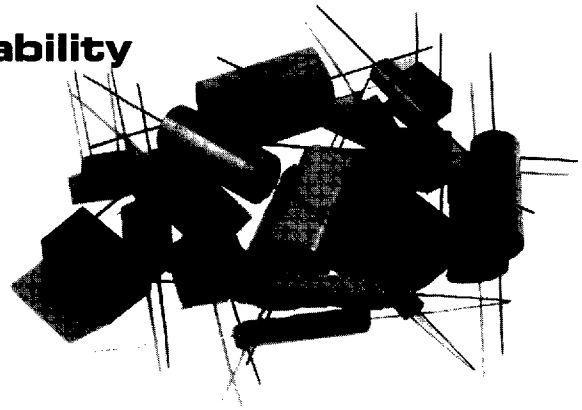
METALLIZED POLYPROPYLENE

PM Series

- **Excellent Dissipation Factor**
- **Low E.S.R.**
- **Outstanding Temperature Stability**



Performance Characteristics

Temperature Range: –55°C to +105°C at full rated voltage

Dissipation Factor @ +25°C: 0.1% 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)
100,000	200,000

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: 0.02% to 0.1%
Varies with configuration, temperature and humidity.

D.C. Life Test: Will withstand 140% of rated voltage for 250 hours @ +105°C.

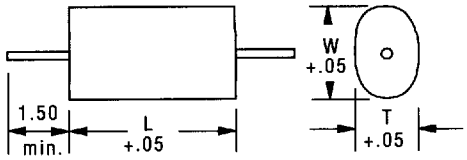
Temperature Coefficient: 300 PPM/°C, Negative Linear

ELPAC COMPONENTS
1562 REYNOLDS AVENUE, IRVINE, CA 92714
TEL 714-476-6070
FAX 714-476-6085

METALLIZED POLYPROPYLENE

PM Series — Oval Wrap & Fill

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



	50 VDC				100 VDC				200 VDC				400 VDC				600 VDC			
MFD	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	PM6A102*
.0012																	.09	.18	.40	PM6A122*
.0015																	.09	.18	.40	PM6A152*
.0018																	.09	.18	.40	PM6A182*
.0022																	.09	.18	.40	PM6A222*
.0027																	.09	.18	.40	PM6A272*
.0033																	.09	.18	.40	PM6A332*
.0039																	.11	.21	.40	PM6A392*
.0047													.09	.18	.40	PM4A472*	.13	.22	.40	PM6A472*
.0056													.09	.18	.40	PM4A562*	.14	.24	.40	PM6A562*
.0068													.10	.19	.40	PM4A682*	.16	.26	.40	PM6A682*
.0082									.09	.18	.40	PM2A822*	.11	.21	.40	PM4A822*	.11	.21	.53	PM6A822*
.01									.09	.18	.40	PM2A103*	.12	.22	.40	PM4A103*	.13	.22	.53	PM6A103*
.012									.09	.19	.40	PM2A123*	.14	.24	.40	PM4A123*	.14	.24	.53	PM6A123*
.015									.11	.21	.40	PM2A153*	.16	.26	.40	PM4A153*	.16	.26	.53	PM6A153*
.018	.09	.18	.40	PM5A183*	.09	.18	.40	PM1A183*	.12	.22	.40	PM2A183*	.11	.21	.53	PM4A183*	.18	.28	.53	PM6A183*
.022	.09	.18	.40	PM5A223*	.09	.18	.40	PM1A223*	.14	.24	.40	PM2A223*	.13	.22	.53	PM4A223*	.21	.31	.53	PM6A223*
.027	.09	.18	.40	PM5A273*	.09	.18	.40	PM1A273*	.16	.26	.40	PM2A273*	.14	.24	.53	PM4A273*	.24	.33	.53	PM6A273*
.033	.10	.20	.40	PM5A333*	.10	.20	.40	PM1A333*	.11	.21	.53	PM2A333*	.16	.26	.53	PM4A333*	.21	.30	.65	PM6A333*
.039	.11	.21	.40	PM5A393*	.11	.21	.40	PM1A393*	.12	.22	.53	PM2A393*	.18	.28	.53	PM4A393*	.23	.32	.65	PM6A393*
.047	.12	.22	.40	PM5A473*	.12	.22	.40	PM1A473*	.14	.24	.53	PM2A473*	.20	.30	.53	PM4A473*	.26	.35	.65	PM6A473*
.056	.14	.24	.40	PM5A563*	.14	.24	.40	PM1A563*	.16	.26	.53	PM2A563*	.23	.32	.53	PM4A563*	.28	.38	.65	PM6A563*
.068	.16	.26	.40	PM5A683*	.16	.26	.40	PM1A683*	.18	.28	.53	PM2A683*	.20	.29	.65	PM4A683*	.25	.38	.78	PM6A683*
.082	.12	.22	.53	PM5A823*	.12	.22	.53	PM1A823*	.20	.30	.53	PM2A823*	.22	.32	.65	PM4A823*	.28	.41	.78	PM6A823*
.1	.14	.23	.53	PM5A104*	.14	.23	.53	PM1A104*	.23	.32	.53	PM2A104*	.26	.34	.65	PM4A104*	.32	.44	.78	PM6A104*
.12	.15	.25	.53	PM5A124*	.15	.25	.53	PM1A124*	.19	.29	.65	PM2A124*	.28	.37	.65	PM4A124*	.31	.44	.90	PM6A124*
.15	.18	.27	.53	PM5A154*	.18	.27	.53	PM1A154*	.22	.32	.65	PM2A154*	.25	.38	.78	PM4A154*	.36	.48	.90	PM6A154*
.18	.20	.29	.53	PM5A184*	.20	.29	.53	PM1A184*	.25	.35	.65	PM2A184*	.28	.41	.78	PM4A184*	.39	.52	.90	PM6A184*
.22	.22	.32	.53	PM5A224*	.22	.32	.53	PM1A224*	.28	.38	.65	PM2A224*	.32	.44	.78	PM4A224*	.35	.50	1.17	PM6A224*
.27	.19	.29	.65	PM5A274*	.19	.29	.65	PM1A274*	.25	.38	.78	PM2A274*	.31	.44	.90	PM4A274*	.40	.54	1.17	PM6A274*
.33	.22	.32	.65	PM5A334*	.22	.32	.65	PM1A334*	.28	.41	.78	PM2A334*	.35	.48	.90	PM4A334*	.45	.59	1.17	PM6A334*
.39	.24	.34	.65	PM5A394*	.24	.34	.65	PM1A394*	.31	.44	.78	PM2A394*	.39	.51	.90	PM4A394*	.49	.64	1.17	PM6A394*
.47	.27	.37	.65	PM5A474*	.27	.37	.65	PM1A474*	.31	.43	.90	PM2A474*	.34	.49	1.17	PM4A474*	.55	.70	1.17	PM6A474*
.56	.24	.37	.78	PM5A564*	.24	.37	.78	PM1A564*	.34	.47	.90	PM2A564*	.38	.59	1.17	PM4A564*	.61	.75	1.17	PM6A564*
.68	.27	.40	.78	PM5A684*	.27	.40	.78	PM1A684*	.38	.51	.90	PM2A684*	.43	.57	1.17	PM4A684*	.68	.82	1.17	PM6A684*
.82	.30	.43	.78	PM5A824*	.30	.43	.78	PM1A824*	.34	.48	1.17	PM2A824*	.47	.62	1.17	PM4A824*	.75	.90	1.17	PM6A824*
1.0	.34	.47	.78	PM5A105*	.34	.47	.78	PM1A105*	.38	.53	1.17	PM2A105*	.53	.68	1.17	PM4A105*	.73	.87	1.40	PM6A105*
1.2	.33	.46	.90	PM5A125*	.33	.46	.90	PM1A125*	.42	.57	1.17	PM2A125*	.59	.74	1.17	PM4A125*	.81	.95	1.40	PM6A125*
1.5	.38	.50	.90	PM5A155*	.38	.50	.90	PM1A155*	.48	.63	1.17	PM2A155*	.67	.82	1.17	PM4A155*	.79	.98	1.68	PM6A155*
1.8	.33	.48	1.17	PM5A185*	.33	.48	1.17	PM1A185*	.54	.68	1.17	PM2A185*	.74	.89	1.17	PM4A185*	.79	.99	1.95	PM6A185*
2.0	.35	.50	1.17	PM5A205*	.35	.50	1.17	PM1A205*	.57	.72	1.17	PM2A205*	.68	.83	1.40	PM4A205*	.84	1.04	1.95	PM6A205*
2.5	.41	.55	1.17	PM5A255*	.41	.55	1.17	PM1A255*	.65	.79	1.17	PM2A255*	.77	.92	1.40	PM4A255*	.83	1.12	2.25	PM6A255*
3.0	.46	.60	1.17	PM5A305*	.46	.60	1.17	PM1A305*	.72	.86	1.17	PM2A305*	.74	.93	1.66	PM4A305*	.92	1.22	2.25	PM6A305*
3.5	.49	.64	1.17	PM5A355*	.49	.64	1.17	PM1A355*	.68	.82	1.40	PM2A355*	.80	1.00	1.66	PM4A355*	1.01	1.30	2.25	PM6A355*
4.0	.53	.68	1.17	PM5A405*	.53	.68	1.17	PM1A405*	.73	.88	1.40	PM2A405*	.79	.98	1.95	PM4A405*				
4.5	.57	.72	1.17	PM5A455*	.57	.72	1.17	PM1A455*	.78	.92	1.40	PM2A455*	.84	1.04	1.95	PM4A455*				
5.0	.60	.75	1.17	PM5A505*	.60	.75	1.17	PM1A505*	.71	.91	1.68	PM2A505*	.77	1.07	2.25	PM4A505*				
6.0	.67	.82	1.17	PM5A605*	.67	.82	1.17	PM1A605*	.79	.98	1.68	PM2A605*	.86	1.15	2.25	PM4A605*				
8.0	.79	.93	1.17	PM5A805*	.79	.93	1.17	PM1A805*	.84	1.04	1.95	PM2A805*	1.02	1.31	2.25	PM4A805*				
10.0	.77	.92	1.40	PM5A106*	.77	.92	1.40	PM1A106*	.79	.97	2.25	PM2A106*								

* Add Tolerance Code

How To Order

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

PM	5	A	103	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)

ELPAC COMPONENTS
1562 REYNOLDS AVENUE, IRVINE, CA 92714
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