

+250°C FILM CAPACITORS

TYPE 911P

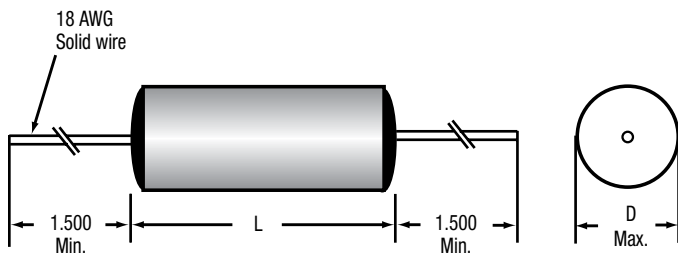


Dearborn's Type 911P capacitors are the answer for design engineers that must resolve problems in systems that need to perform at temperatures beyond ordinary capacitors.

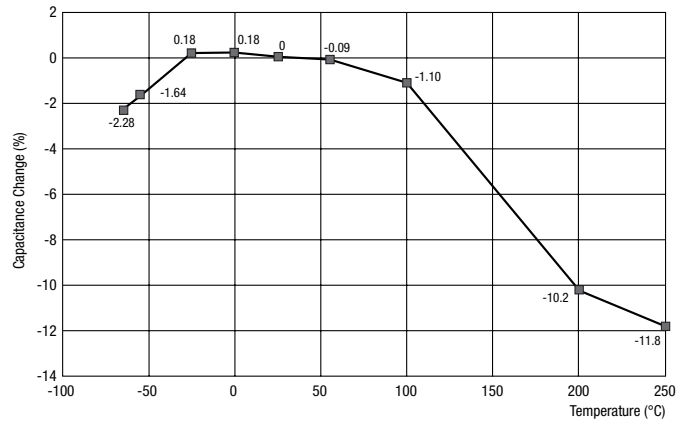
Manufactured from a polymer film that does not melt, and having a glass transition temperature (Tg) of over +320°C, the extraordinary 911P operates at +250°C without voltage de-rating. Packaged with a tape wrap and potting compound especially selected for extreme temperatures, these axial leaded capacitors provide a rugged, robust construction capable of withstanding harsh environments.

With a discrete metal foil termination providing extremely low loss characteristics and capable of withstanding high peak currents, the Type 911P capacitors offer stable capacitance (+/- 10%) from -55°C to +250°C with excellent insulation resistance.

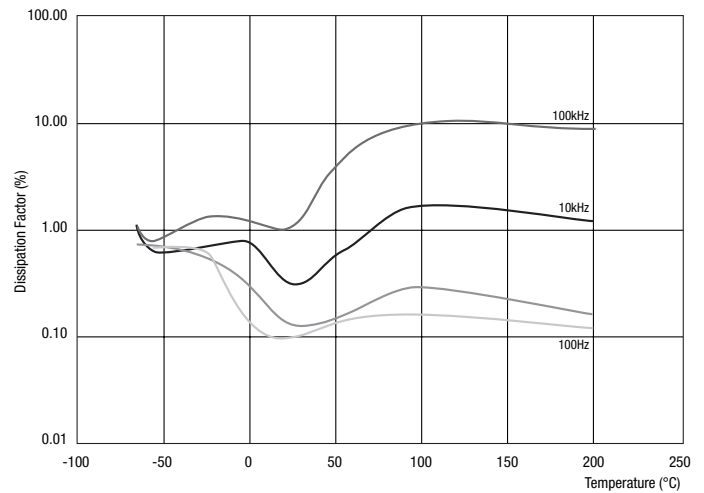
DIMENSIONS (in inches)



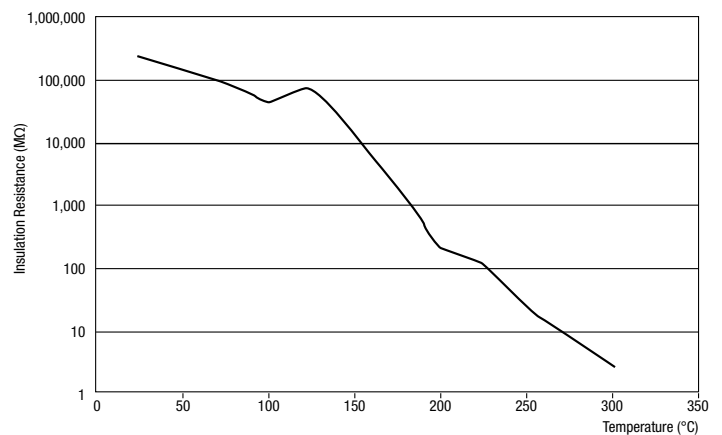
CAPACITANCE CHANGE VS. TEMPERATURE @ 1KHZ



DISSIPATION FACTOR VS. TEMPERATURE



IR VS. TEMPERATURE



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STANDARD RATINGS

Capacitance		Voltage Rating VDC	Diameter "D" Max.	Length L ± 0.062
µF	Code			
0.10	104	400	0.415	1.188
0.12	124	400	0.465	1.188
0.15	154	400	0.515	1.188
0.18	184	400	0.525	1.188
0.20	204	400	0.530	1.188
0.22	224	400	0.627	1.188
0.27	274	400	0.565	1.500
0.33	334	400	0.845	1.500
0.39	394	400	1.015	1.500
0.47	474	400	0.650	1.750
0.50	504	400	0.660	1.750
0.56	564	400	0.695	1.750
0.68	684	400	0.745	1.750
0.82	824	400	0.745	2.000
1.000	105	400	0.815	2.000
1.200	125	400	0.875	2.000
1.500	155	400	0.905	2.188
1.800	185	400	0.985	2.188
2.000	205	400	1.030	2.188
2.200	225	400	1.015	2.500
2.700	275	400	1.115	2.500

CATALOG NUMBERING SYSTEM

