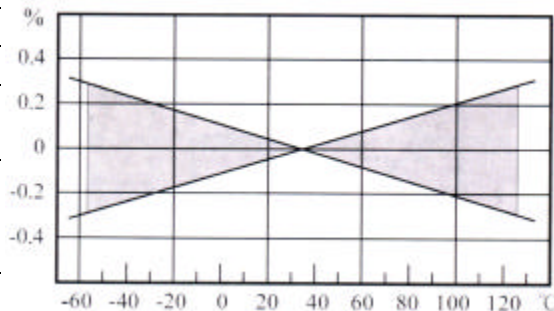


**NPO** SERIES



■ **Specification**

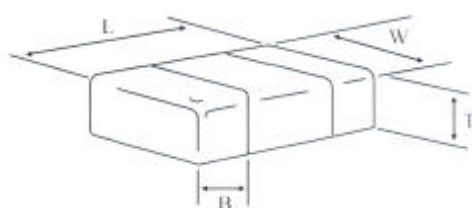
Operating Temperature Range	-55 °C to +125 °C
Temperature Coefficient	0±30ppm/°C ΔC max.
Dissipation Factor (tanδ), @25°C	0.001(0.1%) max.
Insulation Resistance (IR), @25 °C	>100GΩ or >1000MΩ • μF
*whichever is smaller @125 °C	>10GΩ or >100MΩ • μF
Dielectric Withstanding Voltage	25 to 200V, 2.5 x VDCW
	201 to 500V, 1.5 x VDCW
	>500V, 1.2 x VDCW
Aging Rate	0% per decade hour
Test Parameters, @25 °C	1KHz±10%, 1.0±0.2Vrms, 0 Volt. bias



■ **Capacitance**

Size	0402	0603	0805	1206	1210	1808	1812	2220	2225	3640
25V(1E)	121-221	-	-	822-103	103-223	153-273	153-333	223-683	563-104	-
50V(1H)	0R1-151	-	-	332-103	682-153	682-183	682-273	153-563	473-104	-
100V(2A)	0R5-101	-	-	222-472	472-123	562-153	562-183	103-473	393-563	-
200V(2D)	0R5-680	0R5-221	0R5-102	0R5-332	222-562	472-682	472-103	682-333	223-473	-
250V(2E)	0R5-470	0R5-151	0R5-102	0R5-222	222-472	472-682	472-752	682-223	103-333	-
500V(2H)			0R5-471	0R5-152	040-272	100-332	100-682	102-153	682-223	103-563
1KV(3A)			0R5-331	0R5-102	040-152	050-222	100-392	101-822	101-103	102-223
2KV(3D)				010-271	040-681	050-102	100-222	101-332	101-472	471-103
3KV(3F)						030-471	100-102	221-152	221--222	471-562
4KV(3G)						100-151	100-331	221-102	221-152	221-332

■ **Dimension**



	0402	0603	0805	1206	1210	1808	1812	2220	2225	3640	Unit:mm
L	1.0±0.05	1.6±0.1	2.0±0.2	3.2±0.4	3.2±0.2	4.5±0.5	4.5±0.5	5.6±0.5	5.6±0.5	9.2±0.5	
W	0.5±0.05	0.8±0.1	1.25±0.2	1.6±0.2	2.5±0.3	2.0±0.3	3.2±0.4	5.0±0.5	6.3±0.5	10.16±0.5	
T max.	0.60	0.90	1.45	1.60	1.90	2.10	2.50	2.50	2.50	2.00	
B min.	0.15	0.20	0.20	0.20	0.25	0.25	0.25	0.25	0.25	0.25	

■ **How To Order**

