

High Temperature Radial Lead Epoxy Coated

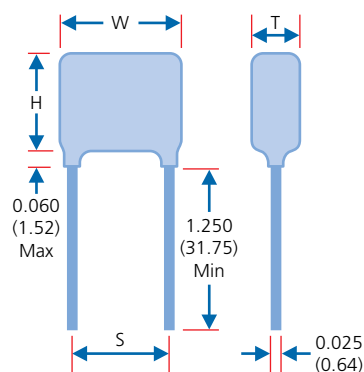
A range of Radial Leaded Capacitors available in sizes 1515 to 7565 designed to operate from -55°C to 200°C in COG (NP0) & Class II dielectrics with voltage ratings of 25V to 4kV. These capacitors find typical application in harsh environments such as Oil Exploration and Automotive/Avionics engine compartment circuitry. The epoxy coating ensures environmental protection and a rugged configuration for optimum performance. They are also offered without the conformal coating for less harsh environmental applications.

- For dielectric characteristics see pages 4 & 7.
- Capacitance tolerances $\pm 1\%^*$, $\pm 2\%^*$, $\pm 5\%$, $\pm 10\%$, $\pm 20\%$ (*COG only)
- For ordering information see page 26.



Dimensions - inches/mm

Lead Style	LG with black epoxy coating - LO without						
Size	1515	1812	2520	3530	4540	6560	7565
Wmax inches: mm:	0.250 6.35	0.300 7.62	0.370 9.40	0.470 11.90	0.570 14.50	0.770 19.60	0.870 22.10
Hmax inches: mm:	0.250 6.35	0.200 5.08	0.300 7.62	0.400 10.20	0.500 12.70	0.720 18.30	0.770 19.60
Tmax inches: mm:	0.190 4.83	0.160 4.06	0.240 6.10	0.310 7.87	0.360 9.14	0.360 9.14	0.360 9.14
S inches ± 0.02 : mm ± 0.508 :	0.170 4.32	0.200 5.08	0.280 7.10	0.380 9.65	0.480 12.20	0.680 17.30	0.780 19.80



Maximum capacitance values - 200°C COG (D)/Class II (E) dielectrics

Size	1515		1812		2520		3530		4540		6560		7565	
Min cap.	5R0	151	220	151	390	102	390	102	390	102	560	222	101	222
Dielectric	COG	Class II	COG	Class II	COG	Class II	COG	Class II	COG	Class II	COG	Class II	COG	Class II
25V	223	824	273	105	563	225	104	395	184	565	334	156	394	186
50V	183	684	223	654	563	185	823	275	154	475	274	126	334	156
100V	103	274	103	274	333	125	563	225	104	335	224	825	274	126
250V	392	823	682	104	153	274	333	564	563	125	124	275	154	395
500V	272	183	332	223	562	563	123	124	273	334	563	684	683	824
1kV	821	272	102	332	182	123	562	273	153	683	333	154	393	224
2kV	181	561	221	681	391	222	152	682	332	183	822	393	103	473
3kV	820	221	101	221	181	821	561	272	152	682	332	153	392	183
4kV	470	•	•	•	101	221	331	122	821	272	182	562	222	822

Note: Maximum capacitance values are shown above as 3 digit code: 2 significant figures followed by the no. of zeros e.g. 183 = 18,000pF. R denotes decimal e.g. 2R7 = 2.7pF.