

Type DLR Film/Foil Polyester Film Capacitors

Radial Leaded Film/Foil Capacitors



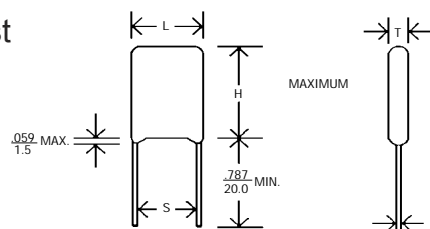
Type DLR is a radial leaded, multiple dipped with epoxy resin, polyester film/foil capacitor. The DLR boasts superior heat and humidity resistance, stable capacitance, exceptionally high value, and low cost. Because of the resulting inductance from automated single-point attachment of the leads, Type DLR is best suited for DC and low-frequency applications.

Highlights

- Compact size
- High value
- Inductive
- Low cost

Specifications

- Capacitance Range:** .001 to .68 μ F
Voltage Range: 100 Vdc (63 Vac, 60Hz)
Capacitance Tolerance: \pm 10% (K) standard, \pm 5% (J) special request
Operating Temperature Range: -55 to 125 $^{\circ}$ C
Pulse Capability: 500 V/ μ s Max.
Insulation Resistance: 30,000 M Ω Min.
Dissipation Factor: 1% Max. (25 $^{\circ}$ C, 1kHz)
Dielectric Strength: 250% (1 minute)
Life Test: 1000 h at 85 $^{\circ}$ C at 125% rated voltage



Ratings

RoHS Compliant

Cap (μ F)	Catalog Part Number	T		H		L		S		d	
		Max.	Inches (mm)	Max.	Inches (mm)	Max.	Inches (mm)	\pm .04 (\pm 1.0)	Inches (mm)	\pm .002 (\pm .05)	Inches (mm)
.0010	DLR1D1K-F	0.138	(3.5)	0.414	(10.5)	0.236	(6.0)	0.138	(3.5)	0.02	(0.5)
.0015	DLR1D15K-F	0.138	(3.5)	0.414	(10.5)	0.236	(6.0)	0.138	(3.5)	0.02	(0.5)
.0022	DLR1D22K-F	0.138	(3.5)	0.414	(10.5)	0.236	(6.0)	0.158	(4.0)	0.02	(0.5)
.0033	DLR1D33K-F	0.138	(3.5)	0.414	(10.5)	0.236	(6.0)	0.158	(4.0)	0.02	(0.5)
.0047	DLR1D47K-F	0.138	(3.5)	0.414	(10.5)	0.256	(6.5)	0.158	(4.0)	0.02	(0.5)
.0068	DLR1D68K-F	0.138	(3.5)	0.414	(10.5)	0.256	(6.5)	0.158	(4.0)	0.02	(0.5)
.010	DLR1S1K-F	0.158	(4.0)	0.414	(10.5)	0.256	(6.5)	0.177	(4.5)	0.02	(0.5)
.015	DLR1S15K-F	0.158	(4.0)	0.414	(10.5)	0.256	(6.5)	0.177	(4.5)	0.02	(0.5)
.022	DLR1S22K-F	0.158	(4.0)	0.414	(10.5)	0.276	(7.0)	0.197	(5.0)	0.02	(0.5)
.033	DLR1S33K-F	0.177	(4.5)	0.453	(11.5)	0.315	(8.0)	0.236	(6.0)	0.02	(0.5)
.047	DLR1S47K-F	0.197	(5.0)	0.453	(11.5)	0.374	(9.5)	0.236	(6.0)	0.02	(0.5)
.068	DLR1S68K -F	0.236	(6.0)	0.453	(11.5)	0.414	(10.5)	0.236	(6.0)	0.02	(0.5)
.100	DLR1P1K-F	0.256	(6.5)	0.453	(11.5)	0.473	(12.0)	0.256	(6.5)	0.02	(0.5)
.150	DLR1P15K-F	0.315	(8.0)	0.551	(14.0)	0.591	(15.0)	0.276	(7.0)	0.02	(0.5)
.220	DLR1P22K-F	0.335	(8.5)	0.551	(14.0)	0.618	(15.7)	0.295	(7.5)	0.02	(0.5)
.330	DLR1P33K-F	0.374	(9.5)	0.768	(19.5)	0.650	(16.5)	0.335	(8.5)	0.02	(0.5)
.470	DLR1P47K-F	0.414	(10.5)	0.807	(20.5)	0.768	(19.5)	0.335	(8.5)	0.02	(0.5)

NOTE: Other capacitance values, sizes and performance specifications are available. Contact us.