

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: $\pm 5\%$ (J) standard

Operating Temperature Range: - 40 to 85 °C

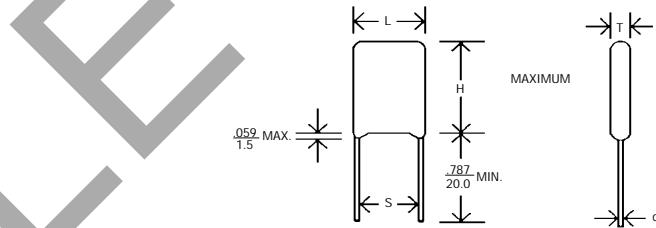
Pulse Capability: 500 V/ μ s Max.

Insulation Resistance: 50,000 M Ω Min. @ 25 °C

Dissipation Factor: 0.75 % Max. (25 °C, 1kHz)

Dielectric Strength: 250% (for 5 s)

Life Test: 1000 h at 85 °C at 125% rated voltage



Ratings

RoHS Compliant

Cap (μ F)	Catalog Part Number	T Max.		H Max.		L Max.		S ± 0.04 (± 1.0)		d ± 0.02 (± 0.05)	
		Max. Inches (mm)	Max. Inches (mm)	Max. Inches (mm)	Max. Inches (mm)						
.0010	DLR1D1J-F	0.138	(3.5)	0.414	(10.5)	0.236	(6.0)	0.138	(3.5)	0.02/0.024	0.5/0.6
.0015	DLR1D15J-F	0.138	(3.5)	0.414	(10.5)	0.236	(6.0)	0.138	(3.5)	0.02/0.024	0.5/0.6
.0022	DLR1D22J-F	0.138	(3.5)	0.414	(10.5)	0.236	(6.0)	0.138	(3.5)	0.02/0.024	0.5/0.6
.0033	DLR1D33J-F	0.138	(3.5)	0.414	(10.5)	0.236	(6.0)	0.138	(3.5)	0.02/0.024	0.5/0.6
.0047	DLR1D47J-F	0.138	(3.5)	0.414	(10.5)	0.256	(6.5)	0.138	(3.5)	0.02/0.024	0.5/0.6
.0068	DLR1D68J-F	0.138	(3.5)	0.414	(10.5)	0.256	(6.5)	0.138	(3.5)	0.02/0.024	0.5/0.6
.010	DLR1S1J-F	0.158	(4.0)	0.414	(10.5)	0.256	(6.5)	0.177	(4.5)	0.02/0.024	0.5/0.6
.015	DLR1S15J-F	0.158	(4.0)	0.453	(11.5)	0.295	(7.5)	0.177	(4.5)	0.02/0.024	0.5/0.6
.022	DLR1S22J-F	0.158	(4.0)	0.453	(11.5)	0.315	(8.0)	0.197	(5.0)	0.02/0.024	0.5/0.6
.033	DLR1S33J-F	0.177	(4.5)	0.453	(11.5)	0.315	(8.0)	0.197	(5.0)	0.02/0.024	0.5/0.6
.047	DLR1S47J-F	0.197	(5.0)	0.473	(12.0)	0.374	(9.5)	0.197	(5.0)	0.02/0.024	0.5/0.6
.068	DLR1S68J-F	0.236	(6.0)	0.492	(12.5)	0.414	(10.5)	0.276	(7.0)	0.02/0.024	0.5/0.6
.100	DLR1P1J-F	0.256	(6.5)	0.492	(12.5)	0.473	(12.0)	0.295	(7.5)	0.02/0.024	0.5/0.6
.150	DLR1P15J-F	0.276	(7.0)	0.590	(15.0)	0.591	(15.0)	0.295	(7.5)	0.02/0.024	0.5/0.6
.220	DLR1P22J-F	0.335	(8.5)	0.670	(17.0)	0.618	(15.7)	0.354	(9.0)	0.02/0.024	0.5/0.6
.330	DLR1P33J-F	0.374	(9.5)	0.768	(19.5)	0.650	(16.5)	0.394	(10.0)	0.02/0.024	0.5/0.6
.470	DLR1P47J-F	0.414	(10.5)	0.807	(20.5)	0.768	(19.5)	0.394	(10.0)	0.02/0.024	0.5/0.6

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

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OBSOLETE

Mouser Electronics

Authorized Distributor

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Cornell Dubilier:

DLR1D47J-F DLR1S68K-F DLR1P15K-F DLR1P22J-F DLR1P33K-F DLR1P22K-F DLR1D47K-F DLR1P1J-F
DLR1D68K-F DLR1P33J-F DLR1S68J-F DLR1D1J-F DLR1D22J-F DLR1P47K-F DLR1S1K-F DLR1D33J-F
DLR1S22J-F DLR1S1J-F DLR1D1K-F DLR1P47J-F DLR1S33J-F DLR1D33K-F DLR1S15J-F DLR1D15J-F
DLR1S22K-F DLR1S47J-F DLR1S15K-F DLR1P15J-F DLR1P1K-F DLR1D22K-F DLR1D68J-F DLR1S33K-F
DLR1S47K-F DLR1D15K-F