



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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 μF

Voltage Range: 100 Vdc (63 Vac, 60Hz)

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

Operating Temperature Range: - 40 to 85 $^{\circ}\text{C}$

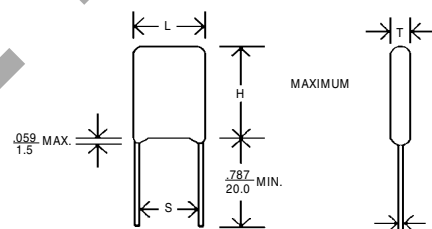
Pulse Capability: 500 V/ μs Max.

Insulation Resistance: 50,000 M Ω Min. @ 25 $^{\circ}\text{C}$

Dissipation Factor: 0.75 % Max. (25 $^{\circ}\text{C}$, 1kHz)

Dielectric Strength: 250% (for 5 s)

Life Test: 1000 h at 85 $^{\circ}\text{C}$ at 125% rated voltage



Ratings

RoHS Compliant

Cap (μF)	Catalog Part Number	T		H		L		S		d	
		Max.	Inches (mm)	Max.	Inches (mm)	Max.	Inches (mm)	± 0.04 (± 1.0)	Inches (mm)	± 0.02 (± 0.05)	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