



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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LRF039

LED Heatsink Thermal Solution

High Thermal Performance

Features

- Excellent thermal performance – large heatsink surface
- High thermal conductivity aluminum alloy
- Precision forging technology for high fin density design



Applications

- LED 8W - 12W

Description

The LRF series provides good thermal performance and design flexibility for LED lighting applications. The LRF series cold forged heatsinks provide lower thermal resistance than traditional extruded, and die-cast heatsinks. High aspect ratio fin provides excellent heat transfer capability. Various material finishes are available for enhanced thermal performance.

Ordering Information

Model	Power Rating	Finish
LRF039	008	CB
	↓	↓
	Code	Power Rating
	008	8W
	010	10W
	011	11W
	012	12W
	Code	Finish
	UF	No Finish
	CB	Black Anodize

General

RoHS	Lead-Free. Fully compliant to RoHS Directive 2011/65/EU
Packaging :	Plastic tray
Storage Temperature:	-40°C to +150°C

Performance & Mechanical

Part Number	*Heat Dissipation	Dimension (mm) D x H	Fin Surface Area (cm ²)	Weight (g)
LRF039008CB	8W	39 x 20	102	19
LRF039010CB	10W	39 x 25	129	24
LRF039011CB	11W	39 x 30	156	29
LRF039012CB	12W	39 x 35	183	34

*Heat Dissipation and Thermal Resistance should be considered for reference only. Actual results may vary due to the LED configuration, the finish chosen, and the environmental conditions.

Mechanical Specifications

