EMC Filter

FC-L04QBG

CY12		Y1/681M/400VAC
EC1	85VAC-264VAC	300uF/450V（Electrolytic capacitor）
	85VAC-305VAC	470uF/450V（Electrolytic capacitor）
C2		683K/630V
LX1		0615/0.8uH/1.8mΩMax/60A
EC6/EC7/EC8/EC9	12V	1500uF/25V（Solid-state capacitor）
	24V/28V	680uF/35V（Solid-state capacitor）
	48V/54V	330uF/63V（Electrolytic capacitor）
C3/C4/C5/C6	12V/24V/28V	106K/50V/1206
	48V/54V	105K/100V/1206
R6*	12V	240Ω/2W
	24V	1kΩ/2W
	28V	1.5kΩ/2W
	48V	2kΩ/2W
	54V	3kΩ/2W

Note：①Matching the LBH300-13B12G series of AC brick power supply.
②All recommended circuit components must be connected.
③* Four 1206 resistors can be connected in parallel to replace R6, and the equivalent resistance after parallel connection should be the same as the recommended value of R6.
④" ⊗ " are the screws for connecting the heat sink to the aluminum substrate.

Dimensions and Recommended Layout

Note:

1. For additional information on Product Packaging please refer to www.mornsun-power.com. Packaging bag number: 58200037
2. Unless otherwise specified, data in this datasheet should be tested under the conditions of Ta=25℃, humidity<75%RH with nominal input voltage and rated load;

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3. If the product operates under the minimum required load, it cannot be guaranteed that all performance indicators in this manual will be met;
4. All index testing methods in this datasheet are based on our company corporate standards;
5. We can provide product customization service, please contact our technicians directly for specific information;
6. Products are related to laws and regulations: see "Features" and "EMC";
7.Our products shall be classified according to ISO14001 and related environmental laws and regulations, and shall be handled by qualified units.

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