

EPCOS Product Brief 2011
爱普科斯产品简介2011

EMC Filters EMC 滤波器

IEC inlet filters IEC插座滤波器

The new IEC inlet filters of B84771, B84773 and B84776 families are originated from the requirements of easy install, compact size, and can be equipped with modular fuse holder and switch. All new IEC inlet filters are available as a standard version or a medical version with reduced leakage current (max. 0.002 mA). The three series offer an extended range of rated current from 1 A to 20 A at 250 V DC/AC and a climatic category(IEC 60068-1) of 25/85/21. Special construction and features of these new IEC inlet filters, e.g. easy plug in or out, easy install, make these filters widely used in SMPS, medical, testing devices and other equipments.

For product data sheets visit www.epcos.com/emc_filters.

全新的IEC插座滤波器B84771, B84773和B84776系列基于追求易安装, 小体积、紧凑的设计理念, 并可配置模块化的开关和保险。所有全新的IEC插座系列滤波器, 既有覆盖大多数应用的标准形式, 也有小漏电流的专门适合医疗应用的版本(最大漏电流0.002 mA)。这三个系列覆盖了从1 A到20 A的电流范围, 其电压为250 V DC/AC, 气候等级(IEC 60068-1)为25/85/21。其结构和功能特性, 如轻松插拔、方便安装等, 使该系列产品能非常灵活的应用于开关电源、医疗、测试仪器等行业。

如需详细的产品数据手册, 欢迎访问爱普科斯网站:
www.epcos.com/emc_filters



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Technical data 技术数据										
I _R 额定电流 A	C _R 额定电容 X2 Y2 μF nF		L _R 额定电感 mH	I _{leak} ¹⁾ 漏电流 mA	R _{bleed} 泻放电阻 MΩ	Approx. weight 约重 g	Ordering code 产品编码	Approvals ²⁾ 认证		
B84771*A000: Also available for snap-in version and versions with cables instead of tab connectors B84771*A000: 同时提供卡扣安装和引线输出系列产品										
1	1 x 0.1	2 x 2.2	2 x 12	0.173	1	40	B84771A0001A000	x	x	x
	1 x 0.1	2 x 2.2	2 x 12	0.173	-	40	B84771C0001A000	x	x	x
	1 x 0.1	-	2 x 12	0	1	40	B84771M0001A000	x	x	x
3	1 x 0.1	2 x 2.2	2 x 2.5	0.173	1	40	B84771A0003A000	x	x	x
	1 x 0.1	2 x 2.2	2 x 2.5	0.173	-	40	B84771C0003A000	x	x	x
	1 x 0.1	-	2 x 2.5	0	1	40	B84771M0003A000	x	x	x
6	1 x 0.1	2 x 2.2	2 x 0.84	0.173	1	40	B84771A0006A000	x	x	x
	1 x 0.1	2 x 2.2	2 x 0.84	0.173	-	40	B84771C0006A000	x	x	x
	1 x 0.1	-	2 x 0.84	0	1	40	B84771M0006A000	x	x	x
8	1 x 0.1	2 x 2.2	2 x 0.45	0.173	1	40	B84771A0008A000	x	x	x
	1 x 0.1	2 x 2.2	2 x 0.45	0.173	-	40	B84771C0008A000	x	x	x
	1 x 0.1	-	2 x 0.45	0	1	40	B84771M0008A000	x	x	x
10	1 x 0.1	2 x 2.2	2 x 0.24	0.173	1	40	B84771A0010A000	x	x	x
	1 x 0.1	2 x 2.2	2 x 0.24	0.173	-	40	B84771C0010A000	x	x	x
	1 x 0.1	-	2 x 0.24	0	1	40	B84771M0010A000	x	x	x
12	1 x 0.1	2 x 2.2	2 x 0.14	0.173	1	40	B84771A0012A000	x	x	x
	1 x 0.1	2 x 2.2	2 x 0.14	0.173	-	40	B84771C0012A000	x	x	x
	1 x 0.1	-	2 x 0.14	0	1	40	B84771M0012A000	x	x	x
15	1 x 0.1	2 x 2.2	2 x 0.09	0.173	1	40	B84771A0015A000	x	x	x
	1 x 0.1	2 x 2.2	2 x 0.09	0.173	-	40	B84771C0015A000	x	x	x
	1 x 0.1	-	2 x 0.09	0	1	40	B84771M0015A000	x	x	x
16	1 x 0.1	2 x 2.2	2 x 0.4	0.173	1	130	B84771A0016A000	+	+	+
	1 x 0.1	-	2 x 0.4	0	1	130	B84771M0016A000	+	+	+
20	1 x 0.1	2 x 2.2	2 x 0.3	0.173	1	130	B84771A0020A000	+	+	+
	1 x 0.1	-	2 x 0.3	0	1	130	B84771M0020A000	+	+	+

x = approval granted

通过认证

+ = approval pending

认证过程中

1) Calculation according draft proposal IEC 60939-1 Ed.3(2008 10 29),annex A, calculation of leakage current at 50 Hz. In practice are up to double values to be expected due to the insulation resistance values of the used ceramic capacitors. For the medical version results computationally the value 0. IN practice are values 1...2 mA to be expected due to the insulation resistance values of the used ceramic capacitors,

根据IEC 60939-1第3版(2008.10.29), 附录A, 在50 Hz条件下计算漏电流。在应用中, 因为陶瓷电容存在绝缘电阻, 可能会发现2倍的漏电流值。对于医疗版本, 理论上漏电流应为零。在应用中, 因为陶瓷电容存在绝缘电阻, 可发现1...2 mA的漏电流。

2) ENEC approval at 12 A and 15 A types maximum with 10 A and at 20 A type maximum with 16 A feasible.

12 A 和 15 A 产品的ENEC认证最大电流为10 A, 20 A产品的ENEC认证为16 A。

IEC inlet filter series B84771, B84773, B84776

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Technical data 技术数据

I _R 额定电流 A	C _R 额定电压		L _R 额定电感 mH	I _{leak} ¹⁾ 漏电流 mA	R _{bleed} 泻放电阻 MΩ	Approx. weight 约重 g	Ordering code 产品编码	Approvals ²⁾ 认证		
	X2 μF	Y2 nF								
B84773*A000										
1	1 x 0.1	2 x 2.2	2 x 5.4	0.173	1	55	B84773A0001A000	+	+	+
	1 x 0.1	-	2 x 5.4	0	1	55	B84773M0001A000	+	+	+
2	1 x 0.1	2 x 2.2	2 x 2.7	0.173	1	55	B84773A0002A000	+	+	+
	1 x 0.1	-	2 x 2.7	0	1	55	B84773M0002A000	+	+	+
4	1 x 0.1	2 x 2.2	2 x 1.1	0.173	1	55	B84773A0004A000	+	+	+
	1 x 0.1	-	2 x 1.1	0	1	55	B84773M0004A000	+	+	+
6	1 x 0.1	2 x 2.2	2 x 0.3	0.173	1	55	B84773A0006A000	+	+	+
	1 x 0.1	-	2 x 0.3	0	1	55	B84773M0006A000	+	+	+
10	1 x 0.1	2 x 2.2	2 x 0.2	0.173	1	75	B84773A0010A000	+	+	+
	1 x 0.1	-	2 x 0.2	0	1	75	B84773M0010A000	+	+	+
B84776*A000										
1	1 x 0.22	2 x 2.2	2 x 7.6	0.173	1	90	B84776A0001A000	+	+	+
	1 x 0.22	-	2 x 7.6	0	1	90	B84776M0001A000	+	+	+
2	1 x 0.22	2 x 2.2	2 x 2.0	0.173	1	90	B84776A0002A000	+	+	+
	1 x 0.22	-	2 x 2.0	0	1	90	B84776M0002A000	+	+	+
4	1 x 0.22	2 x 2.2	2 x 1.0	0.173	1	90	B84776A0004A000	+	+	+
	1 x 0.22	-	2 x 1.0	0	1	90	B84776M0004A000	+	+	+
6	1 x 0.22	2 x 2.2	2 x 0.46	0.173	1	90	B84776A0006A000	+	+	+
	1 x 0.22	-	2 x 0.46	0	1	90	B84776M0006A000	+	+	+
10	1 x 0.22	2 x 2.2	2 x 0.33	0.173	1	130	B84776A0010A000	+	+	+
	1 x 0.22	-	2 x 0.33	0	1	130	B84776M0010A000	+	+	+

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General 概要



B84771



B84773



B84776

- For 1-phase systems
- Metal case
- For switch-mode power supplies and DC applications

Terminal styles (case styles):

- Input: IEC inlet C14 according to IEC/EN 60320-1 (1 ... 15 A)
IEC inlet C20 according to IEC/EN 60320-1 (16 ... 20 A)
- Output: Tab connector 6.3 x 0.8 mm

Rated voltage: 250 V AC, 50/60 Hz
250 V DC

Climatic category: 25/085/21

- 单相系统应用
- 金属外壳
- 应用于开关电源和直流应用

端接类型 (外壳类型):

- 输入: IEC C14 插头, 标准IEC/EN 60320-1 (1 ... 15 A)
IEC C20 插头, 标准IEC/EN 60320-1 (16 ... 20 A)
- 输出: 6.3 x 0.8 mm 焊片

额定电压: 250 V AC, 50/60 Hz
250 V DC

气候等级: 25/085/21

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