

SMD Power Inductor(MGBF1045 Series) 贴片功率电感 MGBF1045 系列

FEATURES 特点

- Excellent solderability and high heat resistance.
良好的可焊性
- Magnetically shielded construction.
磁屏蔽结构
- Low cost and packed in embossed carrier tape.
低成本编带包装



APPLICATIONS 应用

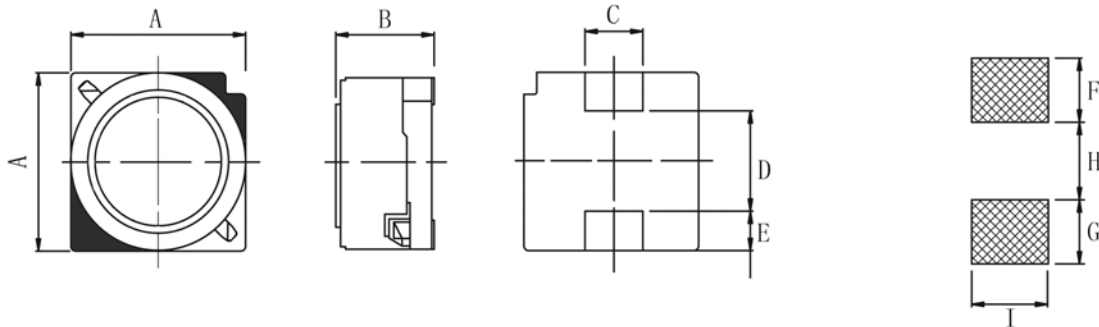
- Ideally used in TVe,PDA,MP3,MDSC/DVC,Portable DVD, etc as DC-DC Converter.
用于 TV、PDA、MP3、影碟机、便携式 DVD、DC-DC 转换等。

Product Identification 产品标识

MGBF **1045** - **100** **M** **I** - **LF**
 ① ② ③ ④ ⑤ ⑥

- ① Series name 系列名称
- ② Product dimensions 产品尺寸:
- ③ Inductance Value 电感量: (3R3:3.3uH 100: 10uH; 101:100uH)
- ④ Inductance Tolerance 电感量公差: (K:10%; M:20%; N:30% or 25%)
- ⑤ Package 包装: Tape & reel
- ⑥ Lead free products 无铅产品

Shapes And Dimensions 外形及尺寸示意图



Series	Dimensions(mm)								
	A	B	C	D	E	F	G	H	I
MGBF1045	10.4	4.8	3.0	6.0	2.0	2.0	2.0	6.0	2.2

Electrical Characteristics 电气性能

MGBF1045 Series

Part Number	L±20% (uH)	DCR max. (Ohms)	Isat (A)
MGBF1045-100	10	47.00m	2.5
MGBF1045-150	15	62.00m	2.2
MGBF1045-220	22	76.00m	1.90
MGBF1045-330	33	105.00m	1.7
MGBF1045-470	47	130.00m	1.5
MGBF1045-680	68	182.00m	1.3
MGBF1045-101	100	260.00m	1.0
MGBF1045-151	150	455.00m	790m
MGBF1045-221	220	611.00m	650m
MGBF1045-331	330	884.00	540m
MGBF1045-471	470	1.34	470m
MGBF1045-681	680	2.08	380m
MGBF1045-102	1000	3.647	290m
MGBF1045-152	1500	4.42	220m

※ 测试条件: L≤8.2uH 测试频率 100KHz / 0.25V, (N±30%);

L>8.2uH 测试频率 1KHz / 0.25V, (M±20%);