

SMD Power Inductor(MGBF7045 Series) 贴片功率电感 MGBF7045 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

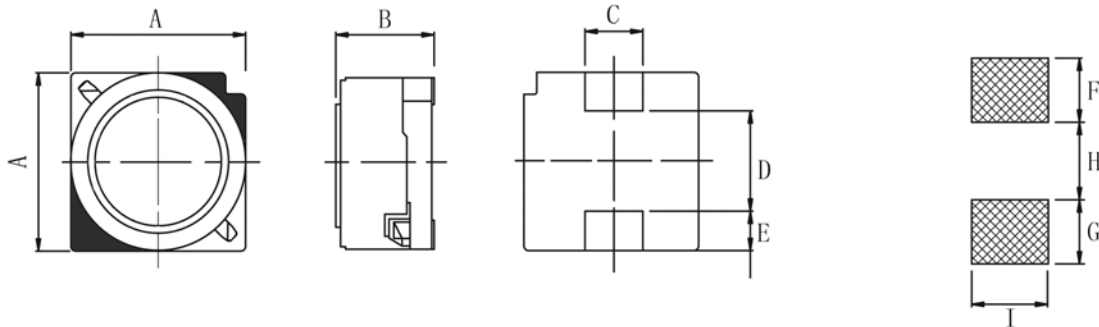
- Ideally used in TVe,PDA,MP3,MDSC/DVC,Portable DVD, etc as DC-DC Converter.
用于 TV、PDA、MP3、影碟机、便携式 DVD、DC-DC 转换等。

Product Identification 产品标识

MGBF **7045** - **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
MGBF7045	7.2	4.8	2.0	4.0	1.5	2.0	2.0	3.5	2.2

Electrical Characteristics 电气性能

MGBF7045 Series

Part Number	L±20% (uH)	DCR max. (Ohms)	Isat (A)
MGBF7045-1R0	1.0	15.00m	3.00
MGBF7045-1R8	1.8	18.00m	2.60
MGBF7045-2R2	2.2	20.00m	2.40
MGBF7045-3R3	3.3	32.50m	2.20
MGBF7045-4R7	4.7	33.00m	2.00
MGBF7045-100	10	52.00m	1.70
MGBF7045-120	12	58.00m	1.55
MGBF7045-150	15	70.00m	1.40
MGBF7045-180	18	78.00m	1.30
MGBF7045-220	22	86.00m	1.20
MGBF7045-270	27	111.00m	1.10
MGBF7045-330	33	125.00m	1.03
MGBF7045-390	39	137.00m	930m
MGBF7045-470	47	195.00m	850m
MGBF7045-560	56	208.00m	750m
MGBF7045-680	68	254.00m	680m
MGBF7045-820	82	273.00m	600m
MGBF7045-101	100	319.00m	530m
MGBF7045-121	120	432.00m	450m
MGBF7045-151	150	501.00m	400m
MGBF7045-181	180	715.00m	380m
MGBF7045-221	220	813.00m	330m
MGBF7045-271	270	904.00m	300m
MGBF7045-331	330	1.01	270m
MGBF7045-391	390	1.37	260m
MGBF7045-471	470	1.56	250m
MGBF7045-561	560	1.76	230m
MGBF7045-681	680	2.86	210m
MGBF7045-821	820	3.25	190m
MGBF7045-102	1000	3.77	170m

※ 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%);