

## SMD Power Inductor(MGBF7025 Series) 贴片功率电感 MGBF7025 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

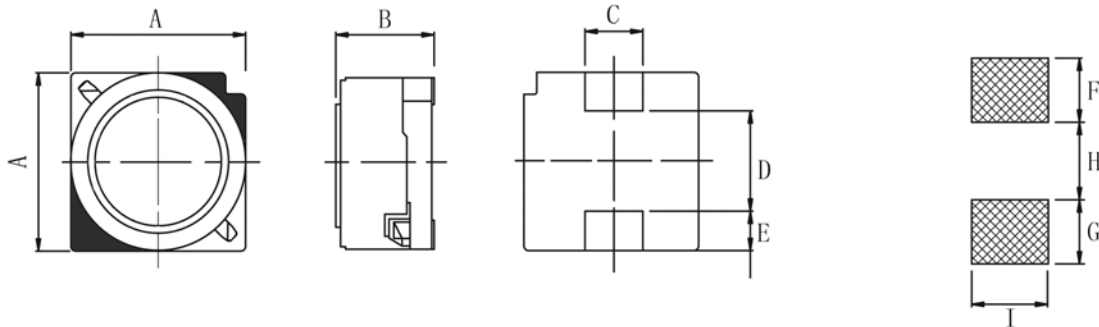
- Ideally used in TVe,PDA,MP3,MDSC/DVC,Portable DVD, etc as DC-DC Converter.  
用于 TV、PDA、MP3、影碟机、便携式 DVD、DC-DC 转换等。

### Product Identification 产品标识

**MGBF**      **7025**    -    **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
MGBF7025	7.2	2.8	2.0	4.0	1.5	2.0	2.0	3.5	2.2

Electrical Characteristics 电气性能

MGBF7025 Series

Part Number	L±20% (uH)	DCR max. (Ohms)	Isat (A)
MGBF7025-1R5	1.5	22.00m	2.50
MGBF7025-1R8	1.8	26.00m	2.30
MGBF7025-2R5	2.5	30.00m	2.00
MGBF7025-3R3	3.3	35.00m	1.70
MGBF7025-4R7	4.7	46.00m	1.30
MGBF7025-6R8	6.8	60.00m	1.10
MGBF7025-100	10	90.00m	1.05
MGBF7025-120	12	107.00m	850m
MGBF7025-150	15	146.00m	780m
MGBF7025-180	18	163.00m	680m
MGBF7025-220	22	179.00m	630m
MGBF7025-270	27	231.00m	580m
MGBF7025-330	33	273.00m	520m
MGBF7025-390	39	309.00m	480m
MGBF7025-470	47	364.00m	460m
MGBF7025-560	56	403.00m	380m
MGBF7025-680	68	507.00m	360m
MGBF7025-820	82	611.00m	330m
MGBF7025-101	100	754.00m	310m
MGBF7025-121	120	858.00m	290m
MGBF7025-151	150	1.12	260m
MGBF7025-181	180	1.29	230m
MGBF7025-221	220	1.69	210m
MGBF7025-271	270	2.25	180m
MGBF7025-331	330	2.60	170m
MGBF7025-391	390	2.93	150m
MGBF7025-471	470	3.77	140m
MGBF7025-561	560	4.16	130m
MGBF7025-681	680	4.68	120m
MGBF7025-821	820	6.24	110m
MGBF7025-102	1000	7.41	100m

※ 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%);