

SMD Power Inductor(MGBF7032 Series) 贴片功率电感 MGBF7032 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

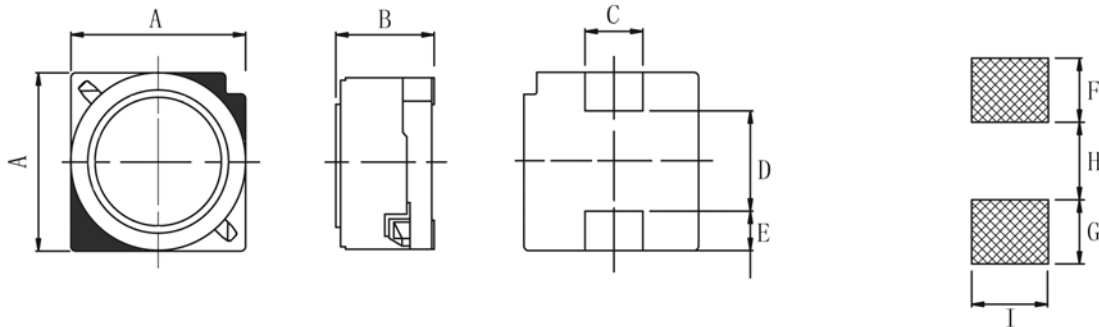
- Ideally used in TVe,PDA,MP3,MDSC/DVC,Portable DVD, etc as DC-DC Converter.
用于 TV、PDA、MP3、影碟机、便携式 DVD、DC-DC 转换等。

Product Identification 产品标识

MGBF **7032** - **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
MGBF7032	7.2	3.4	2.0	4.0	1.5	2.0	2.0	3.5	2.2

Electrical Characteristics 电气性能

MGBF7032 Series

Part Number	L±20% (uH)	DCR max. (Ohms)	Isat (A)
MGBF7032-1R0	1.0	13.00m	3.15
MGBF7032-1R5	1.5	17.00m	2.88
MGBF7032-2R2	2.2	21.00m	2.70
MGBF7032-3R3	3.3	38.00m	2.40
MGBF7032-4R7	4.7	47.00m	2.00
MGBF7032-6R8	6.8	57.00m	1.80
MGBF7032-100	10	69.00m	1.35
MGBF7032-120	12	78.00m	1.25
MGBF7032-150	15	101.00m	1.10
MGBF7032-180	18	135.00m	1.00
MGBF7032-220	22	156.00m	900m
MGBF7032-270	27	182.00m	850m
MGBF7032-330	33	208.00m	750m
MGBF7032-390	39	234.00m	680m
MGBF7032-470	47	299.00m	600m
MGBF7032-560	56	332.00m	558m
MGBF7032-680	68	436.00m	500m
MGBF7032-820	82	514.00m	460m
MGBF7032-101	100	592.00m	420m
MGBF7032-121	120	748.00m	400m
MGBF7032-151	150	878.00m	380m
MGBF7032-181	180	982.00m	360m
MGBF7032-221	220	1.50	320m
MGBF7032-271	270	1.69	290m
MGBF7032-331	330	1.95	260m
MGBF7032-391	390	2.25	240m
MGBF7032-471	470	2.60	220m
MGBF7032-561	560	3.62	200m
MGBF7032-681	680	4.16	180m
MGBF7032-821	820	5.46	160m
MGBF7032-102	1000	6.37	150m

※ 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%);