

SMD Power Inductor(MGBF6028 Series) 贴片功率电感 MGBF6028 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

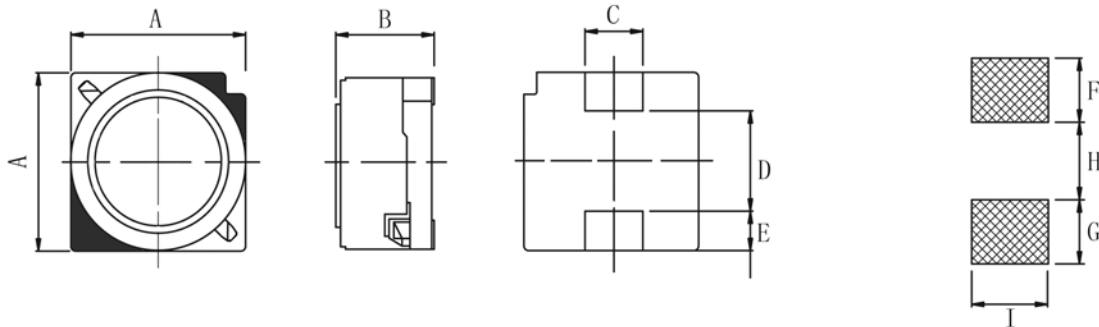
- Ideally used in TVe,PDA,MP3,MDSC/DVC,Portable DVD, etc as DC-DC Converter.
用于 TV、PDA、MP3、影碟机、便携式 DVD、DC-DC 转换等。

Product Identification 产品标识

MGBF **6028** - **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
MGBF6028	6.2	3.0	3.0	3.0	1.5	2.0	2.0	2.5	2.2

Electrical Characteristics 电气性能

MGBF6028 Series

Part Number	L±20% (uH)	DCR max. (Ohms)	Isat (A)
MGBF6028-1R2	1.2	21.00m	2.25
MGBF6028-2R2	2.2	30.00m	1.90
MGBF6028-2R5	2.5	32.00m	1.80
MGBF6028-3R9	3.9	34.00m	1.38
MGBF6028-4R7	4.7	42.00m	1.30
MGBF6028-5R6	5.6	49.00m	1.10
MGBF6028-6R8	6.8	65.00m	1.00
MGBF6028-100	10	94.00m	810m
MGBF6028-150	15	124.00m	700m
MGBF6028-220	22	182.00m	550m
MGBF6028-330	33	254.00m	450m
MGBF6028-470	47	338.00m	350m
MGBF6028-680	68	507.00m	315m
MGBF6028-101	100	897.00m	247m
MGBF6028-151	150	1.17	216m
MGBF6028-221	220	1.56	185m
MGBF6028-331	330	2.44	150m
MGBF6028-471	470	3.38	125m
MGBF6028-561	560	4.16	110m
MGBF6028-681	680	4.55	100m
MGBF6028-102	1000	7.02	82m

※ 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%);