

SMD Power Inductor(MGSD75 Series) 贴片功率电感 MGSD75 系列

FEATURES 特点

- Excellent solderability and high heat resistance.
良好的可焊性
- Low cost and packed in embossed carrier tape.
低成本编带包装



APPLICATIONS 应用

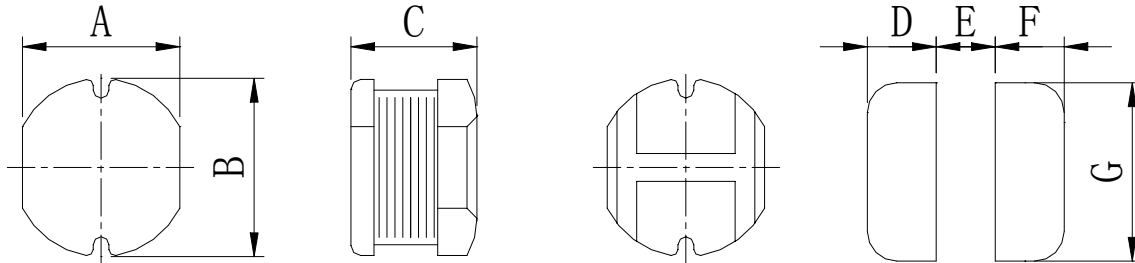
- Ideally used in Mobilephone,PDA,MP3,MDSC/DVC,Portable DVD, etc as DC-DC Converter.
用于移动电话、PDA、MP3、影碟机、便携式DVD、DC-DC转换等。

Product Identification 产品标识

MGSD 75 - 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
MGSD75	7.0	7.8	5.2	3.0	2.0	3.0	7.5

Electrical Characteristics 电气性能

MGSD75 Series

Part Number	L±20% (uH)	DCR max. (Ohms)	Isat (A)
MGSD75-1R2	1.0	13.00m	5.20
MGSD75-2R7	2.7	16.90m	4.60
MGSD75-3R3	3.3	19.50m	4.00
MGSD75-3R9	3.9	23.40m	4.00
MGSD75-4R7	4.7	26.00m	3.80
MGSD75-5R6	5.6	27.30m	3.10
MGSD75-6R8	6.8	32.50m	2.80
MGSD75-8R2	8.2	39.00m	2.52
MGSD75-100	10	41.60m	2.31
MGSD75-120	12	49.40m	2.00
MGSD75-150	15	71.50m	1.81
MGSD75-180	18	84.50m	1.59
MGSD75-220	22	91.00m	1.50
MGSD75-270	27	106.60m	1.28
MGSD75-330	33	119.60m	1.20
MGSD75-390	39	149.50m	1.08
MGSD75-470	47	175.50m	1.05
MGSD75-560	56	208.00m	930m
MGSD75-680	68	234.00m	830m
MGSD75-820	82	273.00m	780m
MGSD75-101	100	325.00m	730m
MGSD75-121	120	390.00m	650m
MGSD75-151	150	520.00m	580m
MGSD75-181	180	598.00m	510m
MGSD75-221	220	793.00m	480m
MGSD75-271	270	884.00m	400m
MGSD75-331	330	1.13	390m
MGSD75-391	390	1.30	350m
MGSD75-471	470	1.68	330m
MGSD75-561	560	1.90	300m
MGSD75-681	680	2.47	270m
MGSD75-821	820	2.86	250m

※ 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%);