

# BLM18HE601SH1#

“#” 处为包装规格代号。

目前生产

AEC-Q200

RoHS

REACH

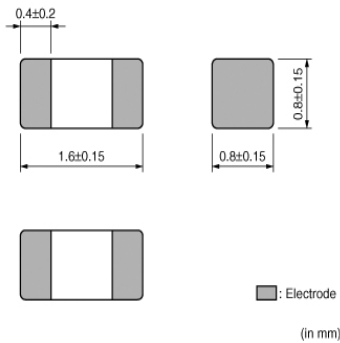
## < 品名 ( 附包装代号 ) 一览 >

BLM18HE601SH1D

BLM18HE601SH1J

BLM18HE601SH1B

## 外观&形状



## 用途

汽车用途	动力传动/安全
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## 包装信息

包装	规格	最小订货单位
D	180mm纸带	4000
J	330mm纸带	10000
B	散装袋	1000

## 特点

BLM18H/BLM18E series has a modified internal electrode structure, that minimizes stray capacitance and increases the effective frequency range.

### Features (BLM18H series)

1. BLM18H series realizes high impedance at 1GHz and is suitable for noise suppression from 500MHz to GHz range. The impedance value of HG/HD-type is about three times as large as that of A/B-type at 1GHz, though the impedance characteristic of HG/HD-type is similar to A/B-type at 100MHz or less.
2. HG-type is effective in noise suppression in wide frequency range (several MHz to several GHz). HB/HD-type for high-speed signal line provides a sharper roll-off after the cut-off frequency. HK-type for digital interface and HE-type for optical pickup modules are effective in suppressing the ringing because resistance especially grows in the lower frequency.
3. The magnetic shielded structure minimizes crosstalk.

### Features (BLM18E series)

1. Low DC Resistance and a large Rated Current are suitable for noise suppression of the driver circuit.
2. Excellent direct current characteristics
3. Thin type ( $t=0.5\text{mm}$ ) is suitable for small and low profile equipment such as DSC, cellular phones.

### 注意

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## 规格

形状	SMD
长度	1.6mm
长度公差	±0.15mm
宽度	0.8mm
宽度公差	±0.15mm
厚度	0.8mm
厚度公差	±0.15mm
工作温度范围	-55°C to 125°C
质量(标准值)	0.005g
电路数目	1
额定电流(at 85°C)	800mA
额定电流(at 125°C)	600mA
直流电阻(max)	0.25Ω
阻抗(at 100MHz)	600Ω
阻抗(at 100MHz)公差	±25%
阻抗(at 1GHz)	600Ω
阻抗(at 1GHz)公差	(Typ.)
尺寸代码(单位为mm)	1608

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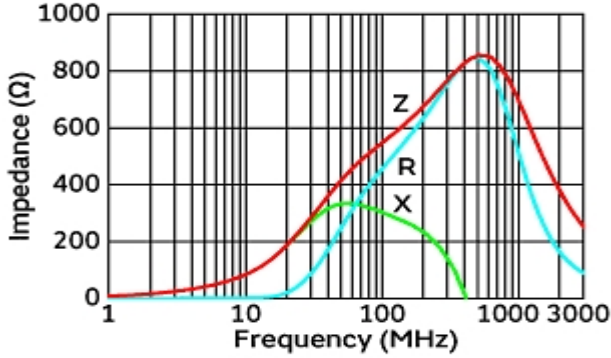
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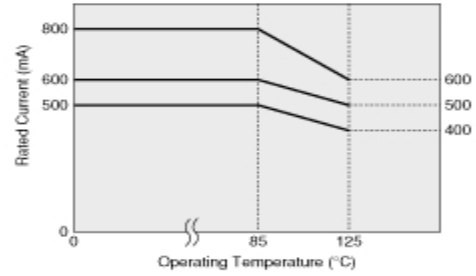
## 产品数据



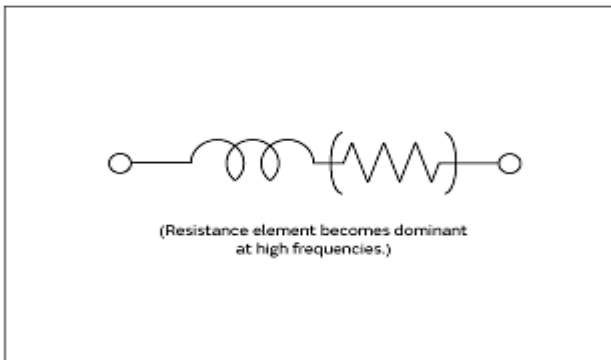
阻抗-频率特性

In operating temperature exceeding +85°C, derating of current is necessary for BLM18HE series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



额定电流降低



等效电路

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