

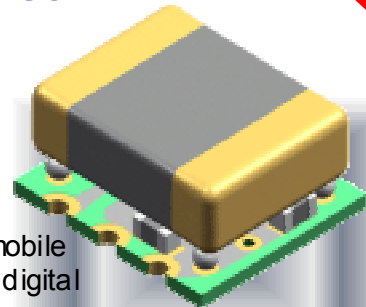
DC-DC Converter

— *The World's Smallest
DC-DC Converter* —

Micro DC-DC Converter

GM SERIES

- The smallest-in-the-world size suited for a variety of mobile apparatus such as the 3rd generation cellular phone, digital camera, and PDA.
- The Highest Conversion Efficiency : 96%
- The Capacity : 0.018cc (Electric Power Density : 68.1W/cc)
- Depression of High Noise



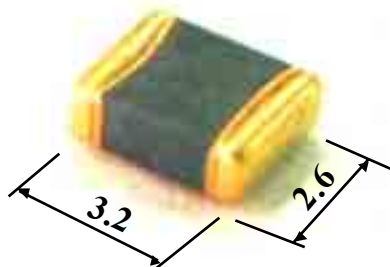
NEW

Specification

| | |
|------------------|--|
| V in | 3.0V ~ 5.0V |
| V out | 1.25V ~ (V in - 0.2V) |
| I out | 500mA Max. |
| Efficiency | 96% Max. (Input 3.6V, Output 2.5V / 150mA) |
| Size (L x W x H) | 3.4mm x 3.0mm x 1.8mm |
| Weight | 0.06g Max. |

NEW TECHNOLOGY

Low Loss High Power Inductor



Unit : mm

Feature

- High Efficiency : 1/3 Core loss compared to existing type
- Low Resistance : Lowest level of Rdc in the class
- High Performance : Improvement by optimizing structure

Characteristics

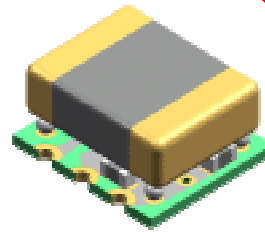
L : 7μH Rdc : 110mΩ

The descriptions in this catalogue are subject to change without notice.

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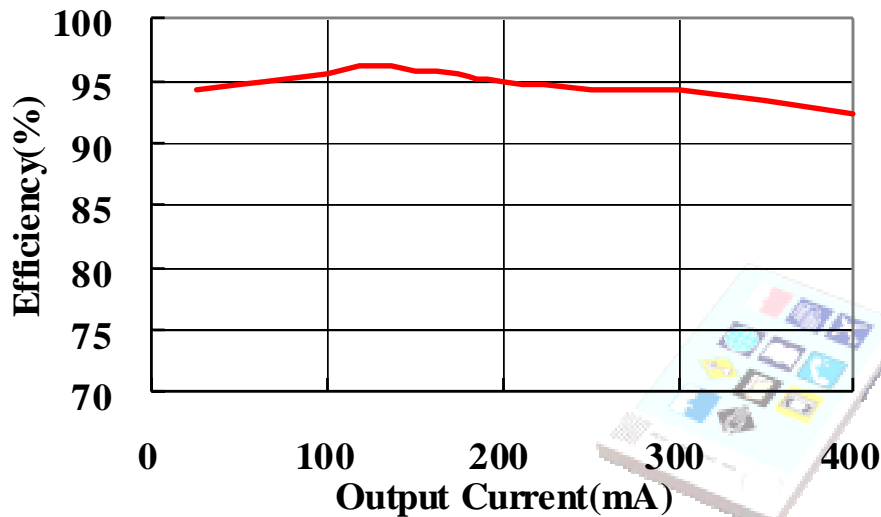
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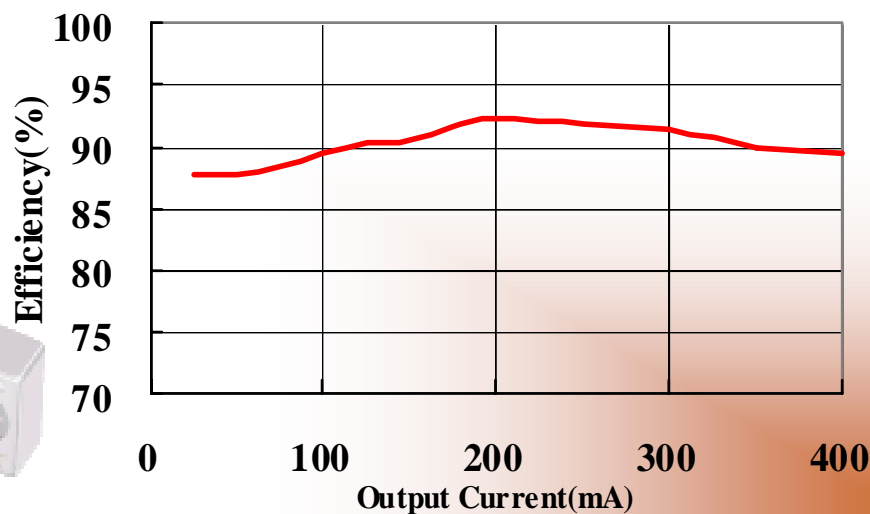


NEW

Efficiency Performance at 3.0V input and 2.5V output



Efficiency Performance at 3.6V input and 1.8V output



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