

*Using breakthrough technology,
we aim for products that will create new markets.*

New Product News

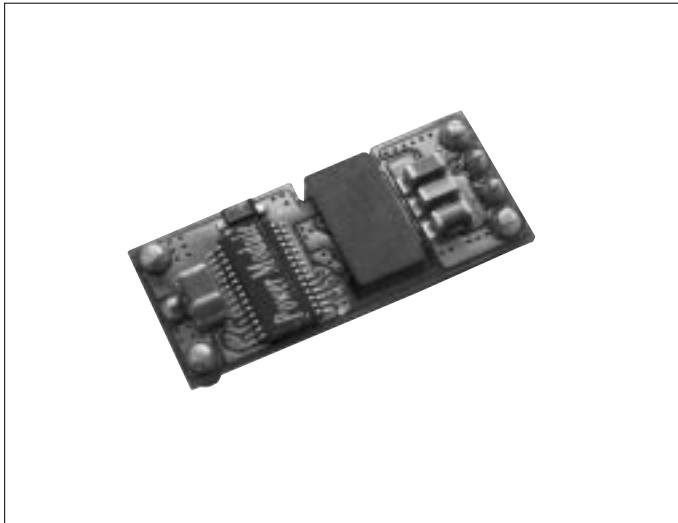
Expansion of products DC/DC module line up

DC/DC Converter

**Power Module
FM Series (Mini-Brick type)**

Industry/Field: OA/Information=Server, Mobile communication,
Industrial equipment

Customer friendly module for designing high performance devices which operate on extra low voltage and high current (ex. DSP, FPGA and so on)



Development Target:

To satisfy the needs for extra low voltage and high current operation devices, this mini-module has developed. This module enables to vary its output voltage with external resistor and can supply maximum 10A.

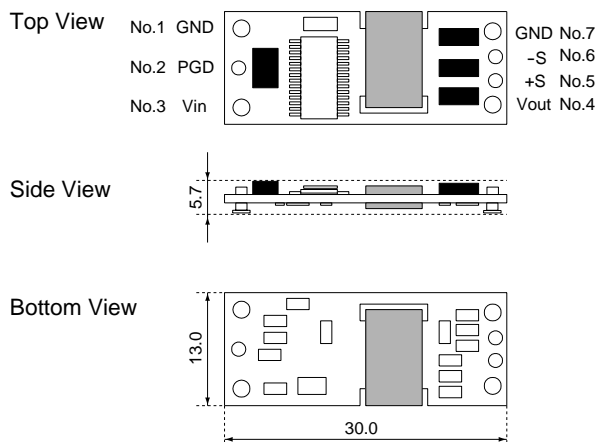
Features:

- 1** Small size, Low profile : 30mm × 13mm h=5.7mm
- 2** Adjustable output voltage : 0.9V to 2.5V
- 3** Remote sense with voltage

Number of industrial property rights: 1

Construction:

(unit : mm)



Characteristics/specifications:

| Item | EUMFM03DZ5A |
|-----------------------|-----------------------------|
| Input Voltage | 3V DC to 4V DC (Rated:3.3V) |
| Rated Output Voltage | 0.9V DC to 2.5V DC |
| Rated Output Current | 10A max. |
| Rated Output Power | 23W max. |
| Total Regulation | ±3% |
| Ripple Noise Voltage | ±30mV(P-P)(at 1.5V output) |
| Efficiency | 85% typ. |
| Size | W30.0 × D13.0 × H5.7 mm |
| Operating Temperature | -40°C to 85°C |
| Attached Function | Adjustable output voltage |
| | Remote sense with voltage |

Applications/usage examples:

- Private Branch Exchange(PBX), Digital Signal Processor (DSP), Field Programmable Gate Array(FPGA), ASIC, Server

Explanation of part numbers:

