

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

New Product News

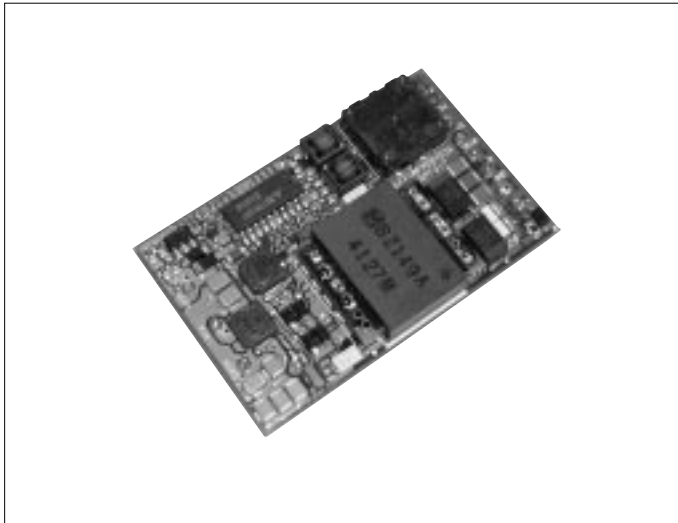
Expansion of products DC/DC module line up

DC/DC Converter

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

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

Low Voltage and High Current Output corresponding to needs of High Power Density



Development Target:

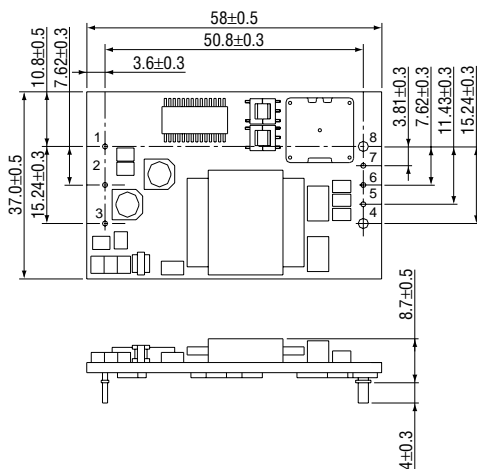
Correspond to growing higher power of 3.3V Bus-Line, new module FM series is developed. This module contributes to customer's development of high performance equipment.

Features:

- 1** Small size, Low profile :8.7mm
(Quarter-brick size 58 mm × 37 mm)
- 2** High efficiency 91%
- 3** Low output voltage, High output current:3.3V/25A

Number of industrial property rights: 8

Construction:



Characteristics/specifications:

Item	EUMFM08YD3A
Input Voltage	36V DC to 72V DC (Rated : 48V)
Rated Output Voltage	3.3V DC
Rated Output Current	25A
Rated Output Power	83.5W
Total Regulation	min. : 3.11V, max. : 3.49V
Ripple Noise Voltage	100mV [p-p]
Efficiency	91% typ.
Size	W58.0 × D37.0 × H8.7 mm
Operating Temperature	-40°C to 85°C
Attached Function	Over Voltage Protection, Over Current Protection, Over Temperature Protection Remote Sensing , Remote ON/OFF

Applications/usage examples:

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

Explanation of part numbers:

