

RFxx-0505S

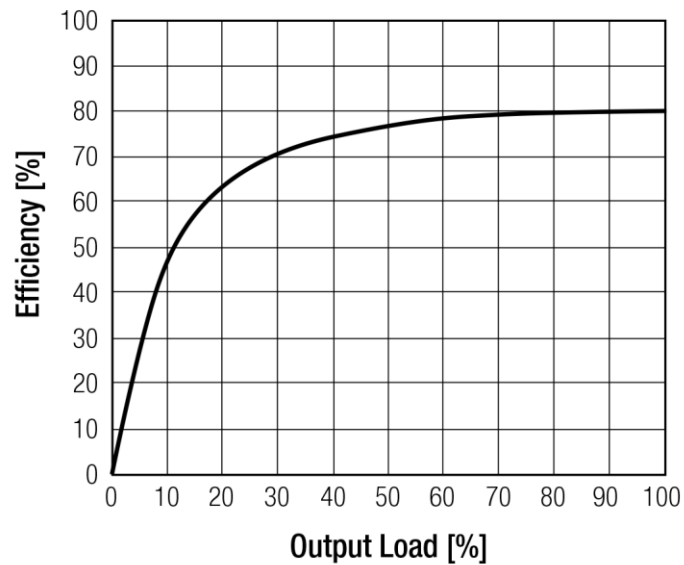
Extremely cost-effective 1W DC/DC converters

While extremely cost-effective, RECOM's new RFB, RFM, & RFMM series does not compromise quality. Ideal for cost conscious IoT and IIoT application needs.

Description

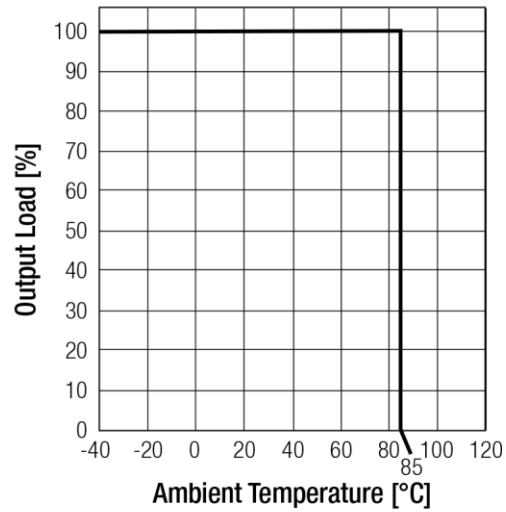
RECOM now offers the RFB, RFM and RFMM 5VDC to 5VDC isolated converters in a SIP4 or SIP7 case. These can be used for PCB applications requiring power isolation and 1 to 1 isolated voltage conversion. These converters are complete modular solutions with 1kVDC or 4kVDC isolation, industrial operating temperature range of -40°C to +85°C without derating. All are fully certified to UL/EN certification standards.

Efficiency vs. Load
(nominal V_{in} = 5VDC)



Derating Graph

(@ Chamber and natural convection 0.1m/s)



Features

- Low cost 1W converters
- Industry standard pinout
- SIP4 or SIP7 package
- 1kVDC or 4kVDC isolation
- Efficiency up to 80%
- Wide operating temperature range -40°C to +85°C
- UL60950-1 certified, CAN/CSA C22.2 No. 60950-1 certified

Applications

- Industrial
- Embedded controls
- Isolated power for sensors
- Price-sensitive applications