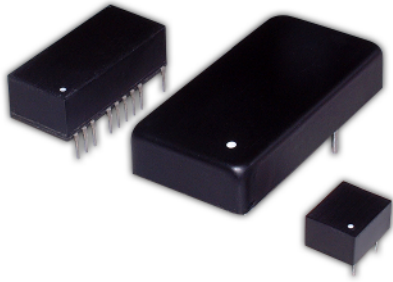


DC/DC CONVERTER MODULES 1/4, 1, 2 & 5 WATTS



RELIABLE COST ALTERNATIVE TO LOWER POWER DEVICES

DC/DC Converter Modules are a reliable alternative for low-power requirement devices because they eliminate the need of complementary external components and simplify the traces on the PCB module.

Noise and ripple voltage is effectively reduced by employing integrated input PI filters, as well as providing shielding protection to the whole by using a metallic case.

Using engineered techniques the result is a smaller and efficient module that still meets the most stringent requirements and safety standards.

Available in various input voltage ranges, with power outputs between 1/4 and 5 watts and featuring thermal and short circuit protection.

Single, dual and triple output with regulated or unregulated voltages can be packaged in the same unit.

Variety of packaging styles THT and SMT are available.

APPLICATION

Equipment powered with batteries or unregulated dc input voltage requiring isolation, lower or higher voltages with a stabilized output.

Module works with a PWM switching IC CMOS between 20 and 100 KHz. The duty cycle is varied as per the load requirements.

DC/DC Converter Modules 0.25, 1, 2 & 5 Watts Fixed or Variable Input Voltage 3.3 - 48 V

FEATURES & BENEFITS

- Standard input voltage values from 3.3 V to 48 V
- Output power: 1/4, 1, 2, 5 Watts
- DIL, SIP THT and SMT packages
- High isolation resistance (100 MW min)
- Regulated or unregulated output
- Plastic or metallic finished cases
- 1000 VDC insulation and non-conductive bases
- Short / thermal circuit protection
- Packaging: tape or tubes

ENVIRONMENTAL SPECIFICATIONS

- Storage temperature range:
-40 °C to +100 °C
- Operating ambient temperature range:
-0 °C to + 70 °C
- UL 94V-0 flammability class

FALCO is a designer and manufacturer of electro-magnetic components. FALCO provides Telecom, LAN, DC/DC and Power Magnetics to the power supply, UPS, industrial metering, electronic ballast, personal computer, consumer set-top boxes and telecommunication industries.

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