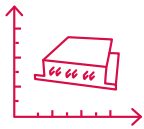


DC-Transformer 100-Serie

105-3.3

5W, non-isolated DC/DC buck converter

«Designed in Switzerland, made in Germany, proven in the World»



32x20x11mm



14g



5W

SPECIFICATIONS

| | |
|--|-------------------------------------|
| ultra wide input voltage range | 6...36VDC |
| Max. input peak voltage | 38 VDC |
| efficiency | 95% (nominal load) |
| Output voltage / output power | 3.3 VDC / 5 watts |
| Typical max. output current | 1.5 ADC |
| Extrem high specific power per weight (gravimetry) | 0.4 watts/gramm |
| EMC-type-test | <input checked="" type="checkbox"/> |

DC-TRANSFORMER 105-3.3

The 105-3.3 is a classic non-isolated POL converter (3.3V Point of Load DC/DC converter) and it is mostly used on "motherboards" with DC supply voltages of 5V, 12V or 24V to generate the local 3.3VDC.

An astonishing high efficiency characterizes the DC/DC converter in the DIL24 package even from 24V to 3.3V. The 3.3V output voltage can also be generated reliably with an input-side 5V supply voltage.

Customer-specific adjustments in the output voltage down to 0.8V are possible at any time.

FEATURES

- ◇ non-isolated DC/DC buck converter
- ◇ robust and climate proof design
- ◇ excellent thermal characteristics
- ◇ permanently no-load and short-circuit proof
- ◇ integrated EMI input filter
- ◇ no power derating
- ◇ for ambient temperatures between -40°C / +85°C
- ◇ thermal shutdown at +110°C



Please check technical Datasheet for further information on www.demke-electronic.com