



## 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](http://www.demke-electronic.com)