

unregulated

MEDICAL - INDUSTRIAL

DC/DC Converters

2x3 Watt = 6 Watt

Series: MED-LHVI

Applications:

- IGBT auxiliary supply
- medical application

EN/UL/CSA 60601-1 & 2

REINFORCED INSULATION

Electrical specifications:

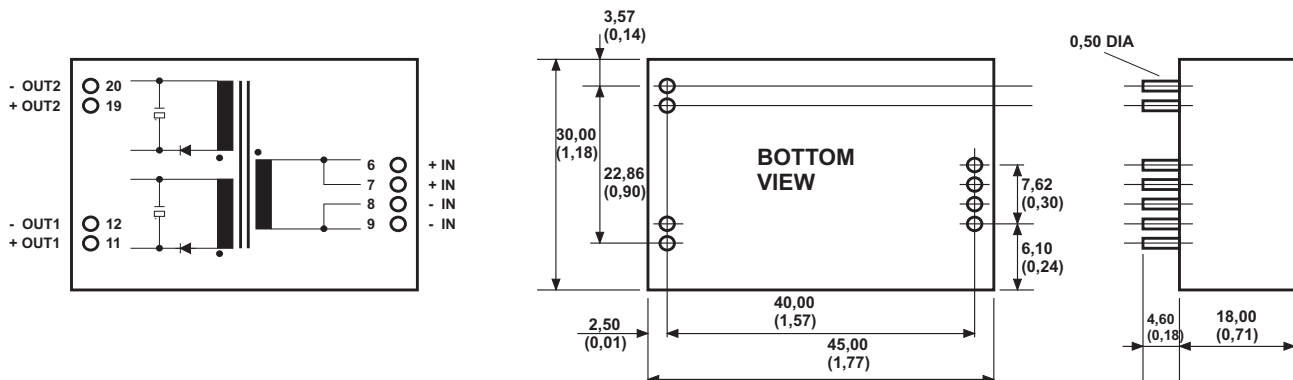
Output voltage accuracy: unregulated
Short circuit protection: continuous
Ambient temperature: - 40°C to +71°C
Optional:
Part-No.: /8
- 55°C to +85°C
ambient temperature

primary / secondary
Insulation test voltage: 4000V AC rms 1 min. type test
du/dt...>100kV/μs
Insulation: 1500V AC rms partial discharge free
Capacitance Prim/Sec: typ. <15pF

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

Part-No.	Input Voltage DC	Output Voltage DC	Output current mA	Efficiency
MED-LHVI-051515	4,75V - 5,5V	15V / 15V	200mA / 200mA	75%
MED-LHVI-121515	10,8V - 13,2V	15V / 15V	200mA / 200mA	76%
MED-LHVI-151515	13,5V - 16,5V	15V / 15V	200mA / 200mA	76%
MED-LHVI-241515	21,6V - 26,4V	15V / 15V	200mA / 200mA	76%
MED-LHVI-481515	43,2V - 52,8V	15V / 15V	200mA / 200mA	76%

any other IN & OUTPUT voltage available also with unequal output voltages !



additional 220μF input & output capacitors recommended
ripple & noise depend on load & external capacitors

ALL DIMENSIONS IN MM (INCHES)
MILLIMETERS +/- 0,5mm
(INCHES +/- 0,02")
All pins on a 2,54mm pitch.

Specification may be changed without notice
please contact office for verification

We can offer EMC - Filter
according to EN55011/22 Class B.