



INDUSTRIAL
DC/DC Converters

2x7,5W = 15W
Series: MHVI

High Isolation
4000V AC RMS Continuously

Unregulated

Applications:
 - IGBT auxiliary supply
 - Medical application

Electrical specifications:

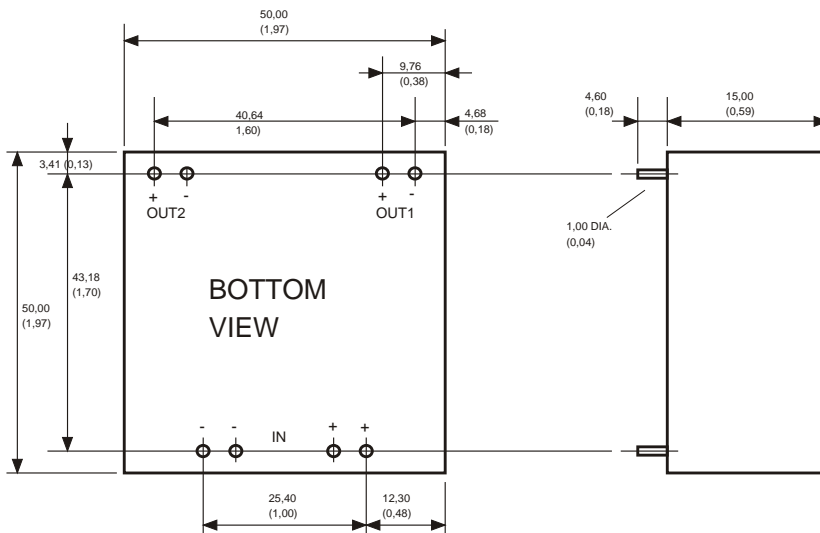
Output voltage accuracy: unregulated
 Short circuit protection: continuous
 Ambient temperature: -40°C to +71°C
 Isolation voltage: min. 4000V AC rms continuously
 Primary / Secondary: isolation test voltage 10 kV
 du/dt...>100kV/µs
 Secondary 1/ Secondary 2: isolation test voltage 10kV
 du/dt...>100kV/µs
 Capacitance Prim/Sec/Sec: typical <15pF
 Part-Nr.: /2 Partial-discharge 2,3kV free (TE - frei)

add isolation quality specifier to part-no. e. g. /2

Part - No.	Input Voltage DC	Output Voltage DC	Output current mA	Efficiency
MHVI-051515	4,75V - 5,5V	15V / 15V	500mA / 500mA	75%
MHVI-121515	10,8V - 13,2V	15V / 15V	500mA / 500mA	76%
MHVI-151515	13,5V - 16,5V	15V / 15V	500mA / 500mA	76%
MHVI-241515	21,6V - 26,4V	15V / 15V	500mA / 500mA	76%
MHVI-481515	43,2V - 52,8V	15V / 15V	500mA / 500mA	76%

Additional 470µF input & output capacitors recommended
 Ripple & Noise depend on load & external capacitors

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!



ALL DIMENSIONS IN MM (INCHES)
 MILLIMETERS +/- 0,5mm
 (INCHES +/- 0,02")
 All pins on a 5,08mm pitch.