

unregulated

MEDICAL - INDUSTRIAL

12 Watt

DC/DC Converters

Series: MED-MHVI

Applications:

- IGBT auxiliary supply
- medical application

EN/UL/CSA 60601-1 & 2

DOUBLE INSULATION

Electrical specifications:

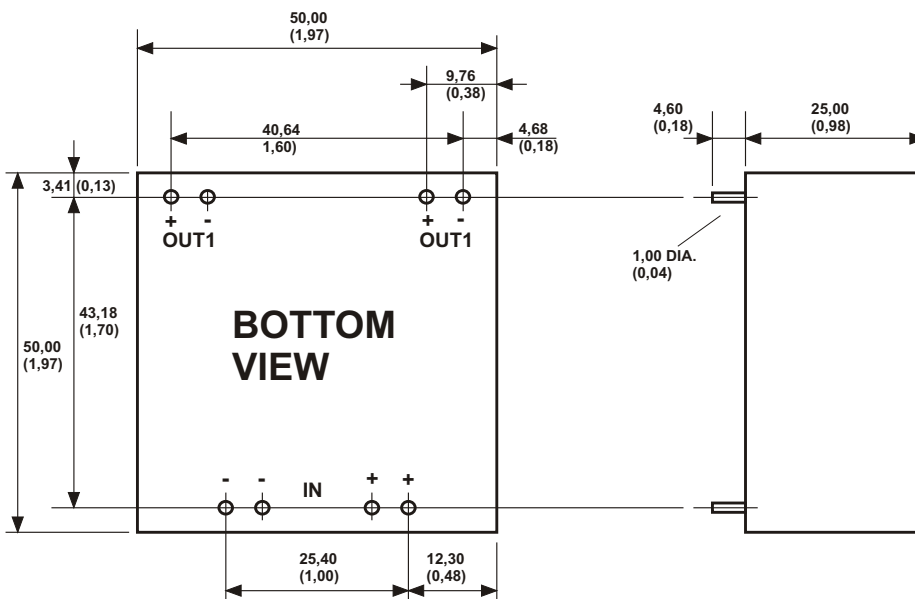
Output voltage accuracy:	unregulated	Efficiency:	up to 87%
Short circuit protection:	continuous	Primary / Secondary	4000VAC rms 1 min. type test
Operating temperature:	@ 24Vin: short-time	Insulation test voltage:	du/dt...>100kV/μs
Ambient temperature:	-40°C up to +95°C	Capacitance Prim/Sec:	typ. 20-25pF
Optional:	-40°C to +71°C		
Part-No.: /8	-55°C to +85°C		
	ambient temperature		

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

Part - No. Single	Input Voltage DC	Output Voltage DC	Output power max.
MED-MHVI-05xx	4,75V - 5,5V	xx V	max. 12W any configuration possible
MED-MHVI-12xx	10,8V - 13,2V	xx V	
MED-MHVI-15xx	13,5V - 16,5V	xx V	
MED-MHVI-24xx	21,6V - 26,4V	xx V	

example:
MED-MHVI-1215

Any other in & output voltages on request !



Additional 470μF 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 5,08mm pitch.

Specification may be changed without notice
 please contact office for verification

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