

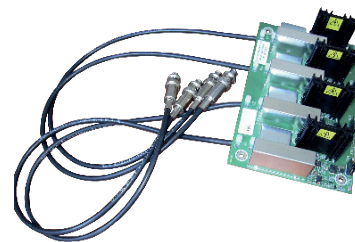
DAS Series

Quad High voltage Converters Board



4 standard products

- Vin : 15 Vdc
- Vout : 0/-2.5 kV
- Pout : 2.5 W



General Description

◊ The DAS series is a board housing for HV converters. These converters boards can receive SDS High Voltage standards or customs modules with a connection dedicated. These are fully protected against repetitive arcs and shortcircuits on the ouptput and protected against reverse polarity on the inputs. HV parts are potted with a silicone resin meeting UL 94 specifications. The applications are radioactivity detection, measurement and tests stands.

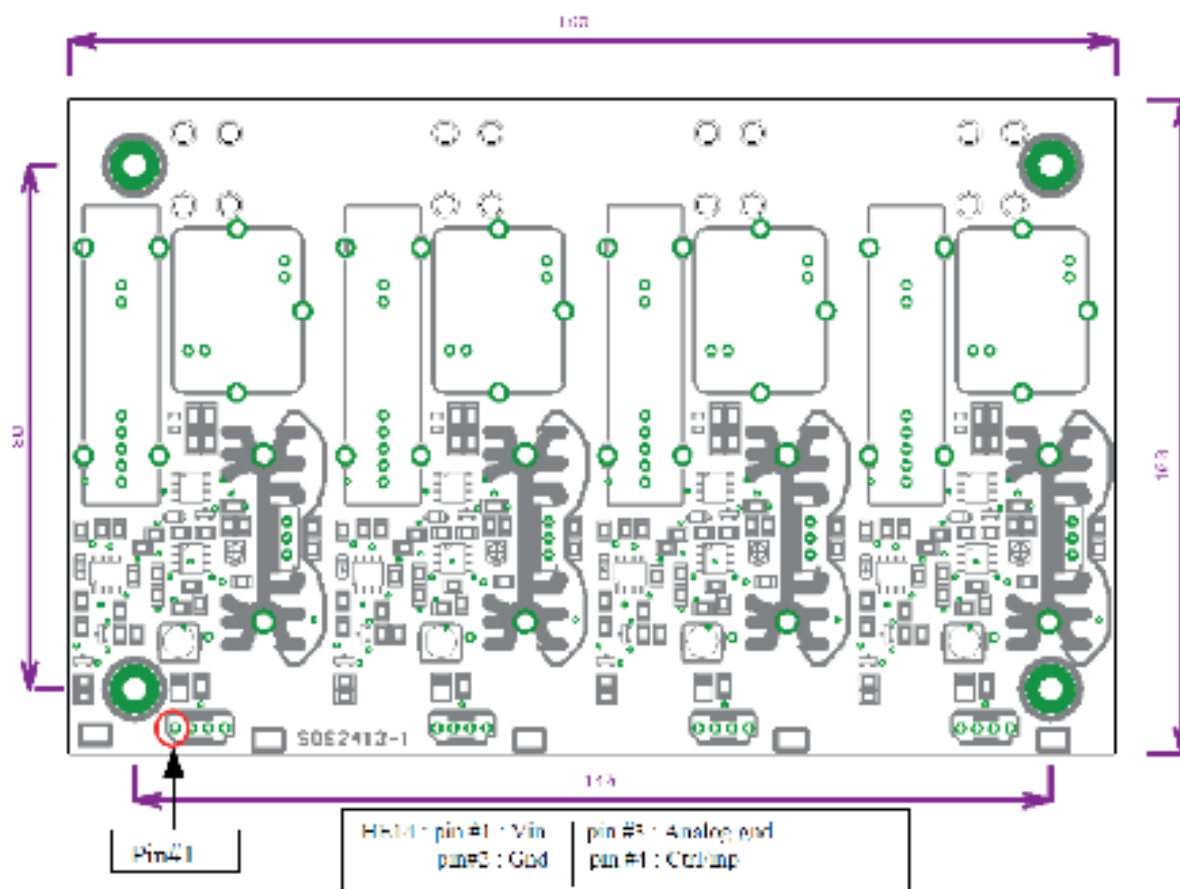
Parameters	Specifications
Input voltage Vin	+15Vdc +/-0.5V
Output voltage vout	From 0 to -2.5kV
Output power pout	2.5W nominal
Polarity	Negative
Ripple	40mVp-p
Load regulation	<10-4
HV control input	+1mV/V (Zin = 1MΩ)
HV monitor output	+1mV/V (Zout = 10kΩ), on Test Point
Operating temperature	-30 to +55°C
Storage temperature	-40 to +70°C
Protections	<ul style="list-style-type: none">• Fully protected against repetitive arcs and shortcircuits on the output• Protected against reverse polarity on the inputs• HV parts potted with an silicone resin meeting UL94 specifications• Input control clamped to 3V• Fuse : NO FUSE
Connections	Input: HE14 4pins Output: SHV317 072 assembled on RG58C cable (50 cm)
Dimensions	L: 160 x W: 100 x H: 45 (mm)



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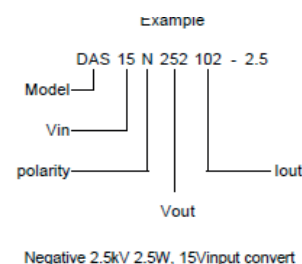
Quad High voltage Converters Board

Mechanical Dimensions



Ordering information

Model	Name of the series	DAS
Vin	Input voltage: 12V	15
Polarity	Polarity of the output voltage, always negative	N
Vout	Output voltage: 0 to 2.5kV	252
Pout	Output current: 1mA nominal	102
Control/monitor	Scale: +mV/V	2.5



This High Voltage power supply satisfies the requirements of EC Directives Safety.

Non contractual document.
All specifications are subject to change without notice.

RevA 07/13