

0 to 1,500V Compact High-Voltage DC-DC Converter

Low ripple noise OHV Series

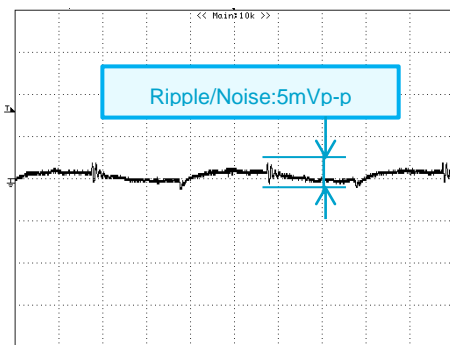
Most suitable for Photomultiplier



Features

- Low ripple noise 5mVp-p
- Compact design 44 x 16 x 30mm
- Adjustable output voltage 0 to 100%
- 5-sided metal shield
- MTBF 400,000 hrs. (EIAJ RCR-9102B)
- Remote ON/OFF control
- Short circuit protection
- Over current protection
- Full power over operating temperature range
- UL60950-1/C-UL certified

Output ripple noise waveform



Model : OHV12-1.0K1500N

X-axis 2µs/div
Y-axis 10mV/div

Applications

- Photomultiplier
- Micro-channel plate
- Geiger-Müller tube
- Image intensifier
- High voltage test equipment
- Measurement equipment
- Analysis equipment



Lineup

Detail information →

Models OHV Series	Input V Vdc	Output V Vdc	Output I mA	Load kΩ(min.)	Ripple Noise mVpp(typ.)
OHV 12-1.0K1500P	11.0 to 13.0	0 to +1000	0 to 1.5	666.7	5
OHV 12-1.0K1500N		0 to -1000			
OHV 12-1.5K1000P		0 to +1500	0 to 1.0	1500	7
OHV 12-1.5K1000N		0 to -1500			
OHV 12-2.0K700P		0 to +2000	0 to 0.7	2857	10
OHV 12-2.0K700N		0 to -2000			

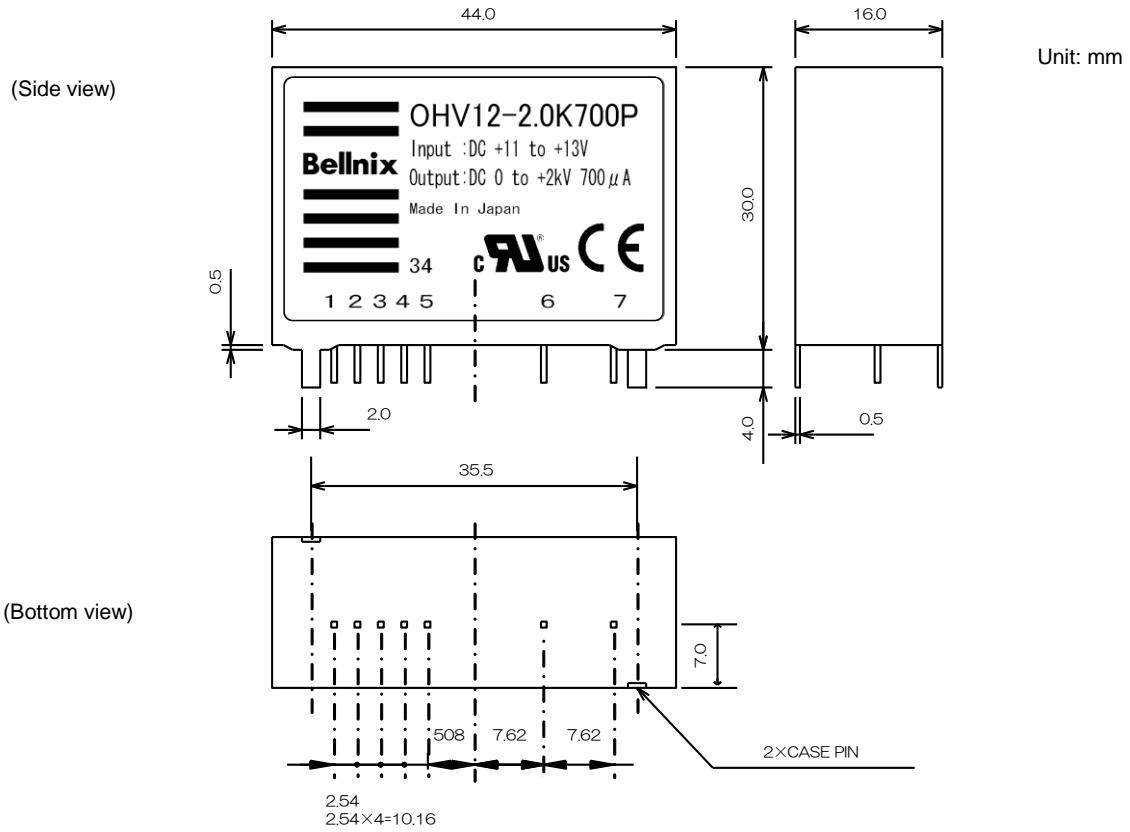
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Dimensions



Standard connection diagram

