



## NXJ1 SERIES

**muRata**

INNOVATOR IN ELECTRONICS

The NXJ1 series, 1W SMD high isolation DC-DC converter series is ideally suited to a range of applications, the 5V to 5V for high voltage or noise isolation for communication systems, remote cameras or LED lighting. The 12V to 12V or 15V for motor drive or EV charging applications to power gate drivers for SiC or GaN devices.

### Key Features

- Inputs voltages 3.3V, 5V & 12V
- Output voltages 3.3V, 5V, 12V & 15V
- 4.2kVDC isolation "Hi Pot Test"
- Industry standard footprint

### Key Benefits

- Ultra low isolation capacitance
- Light weight 1.2 grams
- UL 60950 for reinforced insulation to a working voltage of 200Vrms and for basic insulation to a working voltage of 250Vrms.

### Key Applications

- Water pumps and valve control
- LED lighting
- Electric motor drives & EV charging

