



Murata Power NXJ2 Series DC – DC Converter

Isolated 2W Single Output SMD DC-DC Converters

The NXJ2 series is a new range of lower profile, fully automated manufacture surface mount DC-DC converters. The NXJ2 series automated manufacturing process with substrate Embedded Transformer, offers increased product reliability and repeatability of performance in a halogen free, iLGA inspectable package. The NXJ2 series, industry standard footprint is compatible with existing designs. The NXJ2 series has a MSL rating 2, and is compatible with a peak reflow solder temperature of 260°C as per J-STD-020. Major markets where such a product as the NXJ2 series are : Industrial Controls , Medical , Telecommunications , Industrial Automation and Audio power requirements.

Features :

- Patents pending
- Lower Profile□
- UL60950 Recognition pending□
- ANSI/AAMI ES60601-1, 2 MOOP, 1MOPP recognition pending□
- 5.2kVDC Isolation 'Hi Pot Test'□
- Substrate Embedded Transformer□
- Automated Manufacture□

- Short Circuit Protection³□
- Halogen Free

Applications :

- Motor Drives / Motion Control
- Solar Inverters
- Uninterrupted Power Supplies (UPS)
- Battery Powered Systems
- Process Control Systems