

## **N78xx-2 Series:**

### **2A Miniaturized High Efficiency DC-DC Switching Regulator**

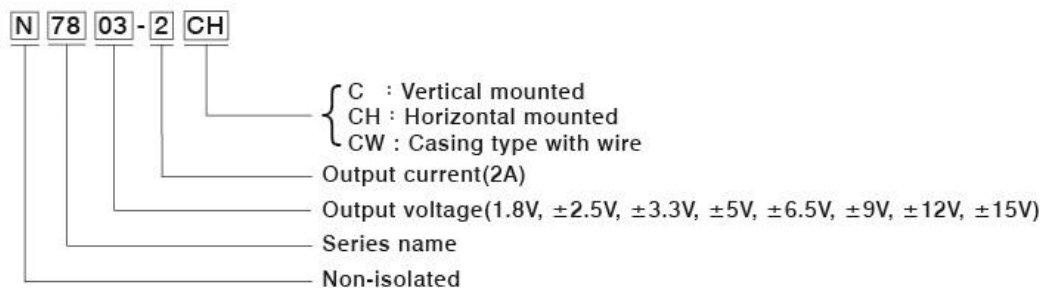
After the launch of the 1A non-isolated miniaturized high efficiency DC-DC switching regulator N78xx series, MEAN WELL has introduced a new 2A model, the N78xx-2 series. This new series is designed to be fully pin-compatible with the traditional TO-220 packaged 78xx and 79xx linear voltage regulators, facilitating direct replacement. The key benefits of the N78xx-2 series include an efficiency of up to 96% and the elimination of the need for additional heatsinking, which simplifies heat management for system designers. It is particularly well-suited for integration into a range of electronic instruments, power supplies, and distributed circuit systems.

Additionally, the N78xx-2 series presents several advantages over the 78xx and 79xx series, as outlined in the table below:

## Features :

- Pin-out compatible with LM78xx/LM79xx linear regulators
- Compact size
- $-40^{\circ}\text{C}$ ~ $+85^{\circ}\text{C}$  natural convection cooled, no external heat sink required
- Wide input range up to 32V
- A dual-pressure unit where the positive voltage can also be used for negative pressure output.
- Comply to BS EN/EN55032 radiated Class B without additional components
- Protections: Short Circuit / Overload / Over temperature
- EAC/UKCA/CE safety approved
- 3 years warranty

## Order Information :



## Application :

