

NML Series

2 Watts Single Output



Input (Nominal)	Output Voltage	Output Current	Efficiency typ.	Model
5 V	5.0 V	400 mA	78%	NML05 05S
	9.0 V	222 mA	81%	NML05 09S
	12.0 V	167 mA	84%	NML05 12S
	15.0 V	133 mA	83%	NML05 15S
12 V	5.0 V	400 mA	81%	NML12 05S
	9.0 V	222 mA	84%	NML12 09S
	12.0 V	167 mA	85%	NML12 12S
	15.0 V	133 mA	85%	NML12 15S

Input Specification

- Input Range
- Reflected Ripple Current
- No Load Power Consumption

±10% of nominal
 33 mV pk-pk 5 V input models;
 38 mV pk-pk 12 V input models
 200 mW 5 V input models;
 250 mW 12 V input models

Output Specification

- Voltage Accuracy
- Line Regulation (10-100% full load)
- Load Regulation (10-100% full load)
- Ripple and Noise (20 MHz bandwidth)
- Short Circuit Duration

Typically within -7.5 to +2.5% of nominal at full load
 1.2% / 1% of V in
 8.5% max
 200 mV pk-pk max
 1 second

General Specification

- Operating Temperature
- Storage Temperature
- Isolation (flash tested for 1 sec)
- Switching Frequency (full load)
- Lead Temperature

-40 °C to +85 °C
 -55 °C to +130 °C
 1000 V DC
 90 kHz typ
 300 °C/10 sec 1.5 mm from case

