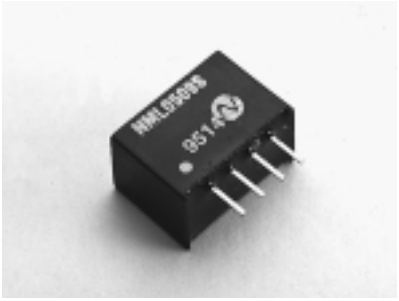

Input (Nominal)	Output Voltage	Output Current	Efficiency typ.	Model
5 V	5.0 V	400 mA	78%	**NML05 05S**
	9.0 V	222 mA	81%	NML05 09S
	12.0 V	167 mA	84%	NML05 12S
	15.0 V	133 mA	83%	**NML05 15S**
12 V	5.0 V	400 mA	81%	NML12 05S
	9.0 V	222 mA	84%	NML12 09S
	12.0 V	167 mA	85%	NML12 12S
	15.0 V	133 mA	85%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

Input Specification

● Input Range	±10% of nominal
● Reflected Ripple Current	33 mV pk-pk 5 V input models; 38 mV pk-pk 12 V input models
● No Load Power Consumption	200 mW 5 V input models; 250 mW 12 V input models

Output Specification

● Voltage Accuracy	Typically within -7.5 to +2.5% of nominal at full load
● Line Regulation (10-100% full load)	1.2% / 1% of V in
● Load Regulation (10-100% full load)	8.5% max
● Ripple and Noise (20 MHz bandwidth)	200 mV pk-pk max
● Short Circuit Duration	1 second

General Specification

● Operating Temperature	-40 °C to +85 °C
● Storage Temperature	-55 °C to +130 °C
● Isolation (flash tested for 1 sec)	1000 V DC
● Switching Frequency (full load)	90 kHz typ
● Lead Temperature	300 °C/10 sec 1.5 mm from case