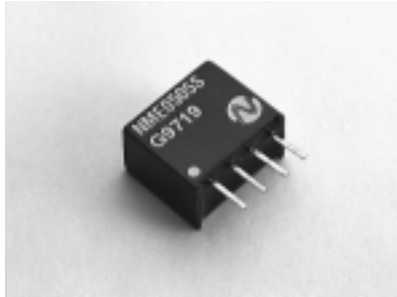


NME Series

1 Watt Single Output



Input Specification

- Input Range $\pm 10\%$ of nominal
- Reflected Ripple (20 MHz bandwidth) 100 mV pk-pk 3 V input
90 mV pk-pk other models
- No Load Power Consumption 75 mW 3 V input; 100 mW other 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) 15% max 3.3 V and 5 V output models
10% max other models
- Temperature Coefficient $\pm 0.03\%/^{\circ}\text{C}$ max
- Ripple and Noise (20 MHz bandwidth) < 150 mV pk-pk max
- Short Circuit Duration 1 second

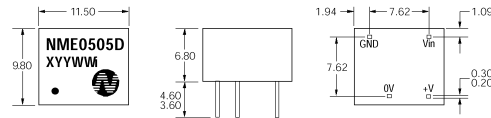
General Specification

- Operating Temperature 0°C to $+125^{\circ}\text{C}$
Derate from 70°C at $2.22\%/^{\circ}\text{C}$
- Storage Temperature -55°C to $+150^{\circ}\text{C}$
- Isolation (flash tested for 1 sec) 1000 V DC
- Switching Frequency (full load) 100 kHz
- Lead Temperature $300^{\circ}\text{C}/10$ sec 1.5 mm from case

Input (Nominal)	Output Voltage	Output Current	Efficiency typ.	Model
3.3 V	5.0 V	100 mA	70%	NME03 05S
	9.0 V	56 mA	75%	NME03 09S
	12.0 V	42 mA	75%	NME03 12S
	15.0 V	34 mA	75%	NME03 15S
5 V	3.3 V	154 mA	70%	NME05 03S
	5.0 V	200 mA	70%	NME05 05S
	9.0 V	110 mA	75%	NME05 09S
	12.0 V	84 mA	75%	NME05 12S
12 V	15.0 V	67 mA	75%	NME05 15S
	5.0 V	200 mA	70%	NME12 05S
	9.0 V	110 mA	75%	NME12 09S
	12.0 V	84 mA	75%	NME12 12S
24 V	15.0 V	67 mA	75%	NME12 15S
	5.0 V	200 mA	70%	NME24 05S
	9.0 V	110 mA	75%	NME24 09S
	12.0 V	84 mA	75%	NME24 12S
48 V	15.0 V	67 mA	75%	NME24 15S
	5.0 V	200 mA	70%	NME48 05S
	9.0 V	110 mA	75%	NME48 09S
	12.0 V	84 mA	75%	NME48 12S
	15.0 V	67 mA	75%	NME48 15S

NOTE: Dual in line packages available; replace "S" in part number with "D"

8 Pin DIP Weight: 1.48g



4 Pin SIP Weight: 1.30g

