

NMF Series

1 Watt Regulated



Input (Nominal)	Output Voltage	Output Current	Efficiency typ.	Model
5 V	5.0 V	100 mA	50%	NMF05 05S
	9.0 V	100 mA	62%	NMF05 09S
	12.0 V	83 mA	62%	NMF05 12S
	15.0 V	67 mA	62%	NMF05 15S
12 V	5.0 V	100 mA	50%	NMF12 05S
	9.0 V	100 mA	62%	NMF12 09S
	12.0 V	83 mA	62%	NMF12 12S
	15.0 V	67 mA	62%	NMF12 15S
24 V	5.0 V	100 mA	50%	NMF24 05S
	9.0 V	100 mA	62%	NMF24 09S
	12.0 V	83 mA	62%	NMF24 12S
	15.0 V	67 mA	62%	NMF24 15S
48 V	5.0 V	100 mA	50%	NMF48 05S
	9.0 V	100 mA	62%	NMF48 09S
	12.0 V	83 mA	62%	NMF48 12S
	15.0 V	67 mA	62%	NMF48 15S

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

Input Specification

- Input Range $\pm 5\%$ of nominal
- Reflected Ripple (20 MHz bandwidth) 40 mV pk-pk max
- No Load Power Consumption 100 mW

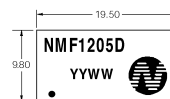
Output Specification

- Voltage Accuracy $\pm 5\%$ (control pin open circuit)
- Line Regulation (10-100% full load) 0.25% / 1% of V in
- Load Regulation (10-100% full load) 0.9% typ, 1.5% max
- Temperature Coefficient 0.03%/°C max
- Ripple and Noise(20 MHz bandwidth) 60 mV pk-pk max
- Short Circuit Duration 1 sec

General Specification

- Operating Temperature 0 °C to 125 °C
Derate from 70 °C at 2.22%/°C
-55 °C to +150 °C
- Storage Temperature 1000 V DC
- Isolation (flash tested for 1 sec) 80 kHz typ
- Switching Frequency (full load) 300 °C/10 sec 1.5 mm from case
- Lead Temperature Leave open circuit for normal operation;
contact sales office for more information
- Output Voltage Control Pin

14 Pin DIP Weight: 2.9g



7 Pin SIP Weight: 2.3g

