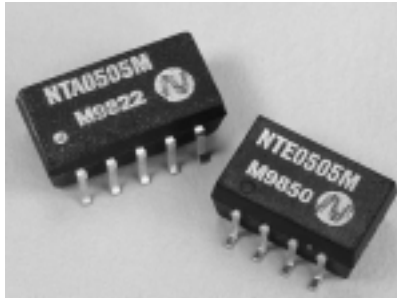


NTA/E Series

1 Watt Surface Mount



Input Specification

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

±10% of nominal
41 mA pk-pk NTA models;
30 mA pk-pk NTE models
550 mW NTA models;
600 mW NTE models

Output Specification

- Voltage Accuracy of nominal at full load
- Line Regulation (+10% to -10% Vnom)
- Load Regulation (10-100% full load)

Typically within -7.5 to +2.5%
1.0%
15% max 5 V output models
9% max other models
±0.03%/°C

- Temperature Coefficient
- Ripple and Noise
(20 MHz bandwidth) NTE models

NTA models

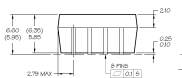
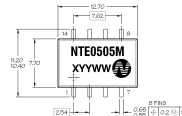
- Short Circuit Duration

General Specification

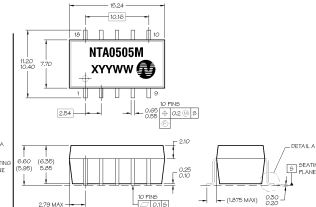
- Operating Temperature
- Storage Temperature
- Isolation (flash tested for 1 sec)
- Switching Frequency (full load)
- Lead Temperature
- Peak Reflow Temperature

-40 °C to +85 °C
-55 °C to +125 °C
1000 VDC
115 kHz typ NTA, 110 kHz typ NTE
300 °C/10 sec 1.5 mm from case
280 °C at CECC00802 profile

Input (Nominal)	Output Voltage	Output Current	Efficiency typ.	Model
5 V	±5.0 V	±100 mA	69%	NTA05 05M
	±9.0 V	±55 mA	75%	NTA05 09M
	±12.0 V	±42 mA	77%	NTA05 12M
	±15.0 V	±33 mA	78%	NTA05 15M
12 V	±5.0 V	±100 mA	69%	NTA12 05M
	±9.0 V	±55 mA	74%	NTA12 09M
	±12.0 V	±42 mA	75%	NTA12 12M
	±15.0 V	±33 mA	76%	NTA12 15M
5 V	5.0 V	200 mA	68%	NTE05 05M
	9.0 V	111 mA	75%	NTE05 09M
	12.0 V	83 mA	77%	NTE05 12M
	15.0 V	66 mA	78%	NTE05 15M
12 V	5.0 V	200 mA	67%	NTE12 05M
	9.0 V	111 mA	73%	NTE12 09M
	12.0 V	83 mA	74%	NTE12 12M
	15.0 V	66 mA	75%	NTE12 15M



Pin Connections



Pin Connections

