



The NTH7D-NTH22D Series senses and suppresses surge currents generated by switching power regulators and other similar switches when they are turned on.

FEATURES

- Most suitable for switching power supplies under 100W
- Excellent recovery characteristics due to resin coating with excellent heat characteristics
- High reliability

APPLICATIONS

- Suitable for CRT monitors, color televisions, VCR power supplies, and other power circuits

PART NUMBERING SYSTEM

NTH22D	3R0	LA
LEADED CURRENT SENSING NTC	RESISTANCE VALUE	OTHER SPECIFICATIONS

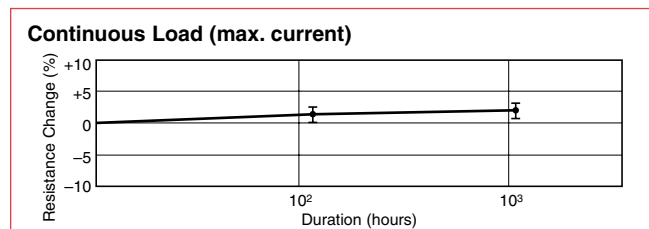
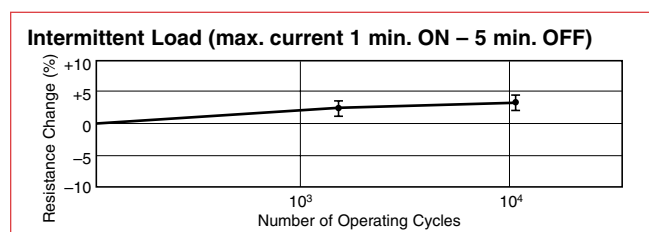
SPECIFICATIONS

	Part Number	Resistance 25°C (Ohms)	Current (Arms) max.		Typical Dissipation Constant (mW/°C)	Capacity of Capacitor (μF) at 100V max.	Dimensions (mm)			Oper. Temp. Range
			25°C	55°C			D max.	T max.	F	
D max. T max. F ± 1.5 10 max. 25 min. Lead Diameter φ0.8 ± 0.05	NTH22D3R0LA	3 ± 15%	5.1	4.5	23.3	5000	25	8	10	-30°C ~ 160°C
	NTH22D4R0LA	4 ± 15%	4.4	3.9	22.3					
	NTH22D6R0LA	6 ± 15%	3.6	3.2	23.8					
	NTH18D4R0LA	4 ± 15%	3.7	3.3	16.7	2000	20	7	10	
	NTH18D6R0LA	6 ± 15%	3.3	2.9	18.4					
	NTH18D8R0LA	8 ± 15%	2.8	2.5	18.2					
	NTH18D100LA	10 ± 15%	2.5	2.2	18.2					
	NTH13D8R0LA	8 ± 15%	2.7	2.4	16.4					
	NTH13D120LA	12 ± 15%	2.2	1.9	17.1					
	NTH13D160LA	16 ± 15%	2.0	1.7	14.5	1000	16	6.5	7.5	
	NTH11D5R0LA	5 ± 15%	2.8	2.5	12.6					
	NTH11D8R0LA	8 ± 15%	2.4	2.1	12.9					
	NTH11D100LA	10 ± 15%	2.2	1.8	13.0	400	14	6	7.5	
	NTH11D160LA	16 ± 15%	2.0	1.7	14.5					
	NTH9D100LA	10 ± 15%	2.8	2.5	12.6					
	NTH9D160LA	10 ± 15%	2.2	1.8	13.0					
	NTH7D4R0LA	10 ± 15%	1.9	1.6	10.8					
	NTH7D8R0LA	16 ± 15%	1.4	1.2	10.0					
	NTH7D160LA	4 ± 15%	2.3	2.0	9.0					
NTH7D220LA	8 ± 15%	1.7	1.5	10.2	9.5	9.5	6	7.5		
NTH7D160LA	16 ± 15%	1.4	1.2	9.0						
NTH7D220LA	22 ± 15%	1.1	1.0	9.0						

*Maximum Power Halogen Lamp (100V line) = 500W

**Taping Package Available NTH7D ~ NTH13D

LIFE CHARACTERISTICS



DETERMINATION OF ALLOWABLE CURRENT

