

ELECTRICAL CHARACTERISTICS

NH

SERIES
SURFACE
MOUNT

PART NO.

MAXIMUM RATINGS @ 85°C

CONTINUOUS		TRANSIENT		
AC Vrms	Vdc	ENERGY 2ms	AVG. POWER DISSIPATION	PEAK CURRENT 8x20us
VOLTS	VOLTS	JOULES	WATTS	AMPS

CHARACTERISTICS @ 25°C

VARISTOR VOLTAGE @ 1mA DC		MAX. CLAMPING VOLTAGE @ TEST CURRENT 8x20us		TYPICAL CAP. @ 1KHz
VOLTS	TOL ±	VOLTS	AMPS	pF

0039NH	25	31	1.5	0.02	250
0047NH	30	38	1.8		
0056NH	35	45	2.3		
0068NH	40	56	3.0		
0082NH	50	65	4.0	0.25	400
0100NH	60	85	5.0		
0120NH	75	100	6.0		
0150NH	95	120	8.0		
0180NH	115	150	10.0		
0200NH	125	165	11.0		
0220NH	140	180	12.0		
0240NH	150	200	13.0		
0360NH	230	300	20.0		
0390NH	250	320	21.0		
0430NH	270	350	23.0		

39	10%	77	2.5	750
47		93		700
56		110		650
68		135		600
82		150	10	350
100		175		300
120		200		280
150		250		150
180		305		120
200		330		110
220		360		100
240		395		95
360		595		70
390		645		65
430		710		60

NA

SERIES
AXIAL
LEAD

PART NO.

MAXIMUM RATINGS @ 85°C

CONTINUOUS		TRANSIENT		
AC Vrms	Vdc	ENERGY 10x1000us	AVG. POWER DISSIPATION	PEAK CURRENT 8x20us
VOLTS	VOLTS	JOULES	WATTS	AMPS

CHARACTERISTICS @ 25°C

VARISTOR VOLTAGE @ 1mA DC		MAX. CLAMPING VOLTAGE @ 1.0 AMP 8x20us		TYPICAL CAP. @ 1KHz
VOLTS	TOL ±	VOLTS		pF

0027NA	17	22	0.13	0.1	40
0033NA	20	26	0.2		
0039NA	25	31	0.2		
0047NA	30	38	0.26		
0056NA	35	45	0.26	0.1	40
0068NA	40	56	0.4		
0082NA	50	65	0.5		
0100NA	60	85	0.5		
0120NA	75	100	0.5	0.2	100
0150NA	95	120	0.6		
0180NA	115	150	0.7		
0220NA	140	180	0.9		
0270NA	170	225	1.0		
0330NA	210	270	1.1		
0370NA	235	300	1.1		
0390NA	250	320	1.3		
0430NA	270	350	1.7		

27	10%	55	2.5	290
33		65		240
39		77		200
47		93		170
56		105	10	120
68		125		100
82		150		80
100		175		45
120		200		35
150		230		30
180		285		25
220		355		23
270		435		20
330		535		17
370		600		15
390		635		15
430		695		13



Stetron International Inc.