

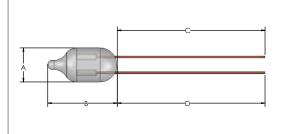
Neon Indicator Lamps

Small neon lamps are most widely used as indicators in electronic equipment and appliances, due to their low power consumption, long life, and ability to operate on mains power

Descriptions and Features

			Rated	Ma ximum	
	Pa rt	Old Ref.	[Nominal]	Breakdown Voltage	
C o nfiguration	Number	Number	Current (mA)	VAC	VD C
Wire Terminal -Standard Brightness					
	2ML	NE -38S	0.3	65	90
	A1A	NE -2	0.5	65	95
	A1A-T	NE -2T	0.5	65	90
	A1B		0.3	65	90
	A1D-T		0.3	65	90
	A2B	NE -2V	0.6	65	95
B D-	A9A	NE -2E	0.7	65	90
	A9A-T	NE -2ET	0.7	65	90
	A9A-C	NE -2E1	0.7	65	90

Wire Terminal-High Brightness



1MH	NE -38	0.6	95	135
A1C		1.2	95	135
A1C-T		1.2	95	135
G2B-1		1.2	95	135
G2B-2		1.4	95	135
A3C	NE -2U	1.9	95	135
C2A	NE -2H	1.9	95	135
C2A-T	NE -2HT	1.9	95	135
D2A		2.6	95	135

Product Dimensions

	Series Resistor	Average	Dimensions					
100-	1 -	Useful	inches				_	Part
Ohm s	W	Life	A(Max.)	B(Max.)	С	D	Footnotes	Number
Wire Te	rminal-Standard Brightness							
220K	1/4	25,000	.157	.394	1.00 Min.	1.00 Min.	2	2ML
150K	1/4	25,000	.244	1.00	1.00 <u>+</u> 0.06	1.00 <u>+</u> 0.06		A1A
150K	1/4	25,000	.244	1.00	1.06 <u>+</u> 0.06	1.06 <u>+</u> 0.06	2	A1A-T
220K	1/4	25,000	.244	.500	1.06 <u>+</u> 0.06	1.06 <u>+</u> 0.06		A1B
220K	1/4	25,000	.244	.500	1.00 <u>+</u> 0.06	1.00 <u>+</u> 0.06	2	A1D-T
100K	1/4	25,000	.244	.750	2.06 <u>+</u> 0.06	2.06 <u>+</u> 0.06		A2B
100K	1/4	25,000	.244	.750	2.06 <u>+</u> 0.06	2.06 <u>+</u> 0.06		A9A
100K	1/4	25,000	.244	.750	2.00	2.00	1,3	A9A-T
100K	1/4	25,000	.244	.750	1.00	1.00		A9A-C
100-	125V							
Ohm s	W							
Wire Te	rminal-High Brightness							
82K	1/4	12,000	.157	.395	1.00 Min.	1.00 Min.	2	1MH
47K	1/4	25,000	.244	.500	1.06 <u>+</u> 0.06	1.06 <u>+</u> 0.06	5,6	A1C
47K	1/4	25,000	.244	.500	1.00	1.00	2	A1C-T
47K	1/4	15,000	.244	.500	1.00	1.00	1,3	G2B-1
39K	1/4	15,000	.244	.750	1.00	1.00	1,3	G2B-2
30K	1/4	25,000	.244	.750	2.06 <u>+</u> 0.06	2.06 <u>+</u> 0.06		A3C
30K	1/4	25,000	.244	.750	2.06 <u>+</u> 0.06	2.06 <u>+</u> 0.06		C2A
30K	1/4	25,000	.244	.750	2.06 <u>+</u> 0.06	2.06 <u>+</u> 0.06	2	C2A-T
22K	1/4	25,000	.244	.980	1.00	1.00		D2A

Footnotes

- 1. Life value is to approximately 50% of initial light output. Values shown apply to use on AC unless otherwise shown. Life on DC is approximately 60% of AC values when DC current is equal to RMS AC value. When equal DC and RMS AC voltages and equal resistances are utilized, life will be approximately the same.
- 2. Tinned leads.
- 3. Formed tip.
- 4. Lamp with a green-light-emitting phosphorous coating.
- 5. Lead wire spacing: $0.068" \pm 0.009" (1.75mm \pm 0.25mm)$
- 6. Lead wire diameter: 0.0150"± 0.0007" (0.4mm ± 0.02mm)

Compliances and Approvals





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