

## Neon Indicator Lamps

| Configuration                         | Part Number | Old Ref. Number | Design Current mA | Maximum Breakdown Voltage |     |
|---------------------------------------|-------------|-----------------|-------------------|---------------------------|-----|
|                                       |             |                 |                   | VAC                       | VDC |
| <b>T-2 Midget Flange Base</b>         |             |                 |                   |                           |     |
|                                       | A1G         |                 | 0.3               | 65                        | 90  |
|                                       | A1G-R       |                 | 0.3               | 65                        | 90  |
|                                       | A1H         |                 | 1.2               | 95                        | 135 |
|                                       | A1H-R       |                 | 1.2               | 95                        | 135 |
|                                       | C7A         | NE -2D          | 0.7               | 65                        | 90  |
|                                       | C7A-R       |                 | 0.7               | 65                        | 90  |
|                                       | C9A         | NE -2J          | 1.9               | 95                        | 135 |
|                                       | C9A-R       |                 | 1.9               | 95                        | 135 |
|                                       | G9B         |                 | 1.2               | 95                        | 135 |
|                                       | G9B-R       |                 | 1.2               | 95                        | 135 |
| <b>T-2 Telephone Slide Base</b>       |             |                 |                   |                           |     |
|                                       | K1C5        |                 | 0.7               | 65                        | 90  |
|                                       | K1C5-R      |                 | 0.7               | 65                        | 90  |
|                                       | K1B1        |                 | 1.2               | 95                        | 135 |
|                                       | K1B1-R      |                 | 1.2               | 95                        | 135 |
|                                       | K1A5        | NE -84          | 1.9               | 95                        | 135 |
|                                       | K1A5-R      |                 | 1.9               | 95                        | 135 |
| <b>T-3 1/4 Miniature Bayonet Base</b> |             |                 |                   |                           |     |
|                                       | B1A         | NE -51          | 0.3               | 65                        | 90  |
|                                       | B1A-R       | NE 51R          | 0.3               | 65                        | 90  |
|                                       | B2A         | NE 51H          | 1.2               | 95                        | 135 |
|                                       | B2A-R       | NE 51HR         | 1.2               | 95                        | 135 |
|                                       | B2G         | NE 51G          | 1.2               | 95                        | 135 |
|                                       | B2G-R       | AR 51G R        | 1.2               | 95                        | 135 |

### Footnotes

- 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.
- For DC operation of high brightness lamps use a minimum of 150 circuit volts. Maximum initial breakdown voltage 95 VAC, 135 VDC in light.
- Tinned leads.
- High brightness.
- Formed tip.
- Dark effect reduced.
- Lamp drops through a  $\varnothing$ .310" cylinder of .500" minimum length.
- No need for external resistor on the B2A-R230
- Max current is 1.4mA (@ 230VAC)
- Built-in resistor value is 100 Kohms

| Series Resistor                       |     |          |     | Average Useful Life | Dimensions inches |         |         | Footnotes      |
|---------------------------------------|-----|----------|-----|---------------------|-------------------|---------|---------|----------------|
| 100-125V                              |     | 220-250V |     |                     | A(Max.)           | B(Max.) | C(Min.) |                |
| Ohms                                  | W   | Ohms     | W   |                     |                   |         |         |                |
| <b>T-2 Midget Flange Base</b>         |     |          |     |                     |                   |         |         |                |
| 220K                                  | 1/4 | 540K     | 1/3 | 25,000              | .250              | .525    | .625    | 1,5,12         |
| 220K                                  | 1/4 | -        | -   | 25,000              | .250              | .525    | .625    | 1,5,11         |
| 47K                                   | 1/4 | 150K     | 1/3 | 25,000              | .250              | .525    | .625    | 2,4,5,6,8,12   |
| 47K                                   | 1/4 | -        | -   | 25,000              | .250              | .525    | .625    | 2,4,5,6,8,11   |
| 100K                                  | 1/4 | 220K     | 1/3 | 25,000              | .250              | .828    | .938    | 1,5,12         |
| 100K                                  | 1/4 | -        | -   | 25,000              | .250              | .828    | .938    | 1,5,11         |
| 30K                                   | 1/4 | 100K     | 1/3 | 25,000              | .250              | .828    | .938    | 2,4,5,6,8,12   |
| 30K                                   | 1/4 | -        | -   | 25,000              | .250              | .828    | .938    | 2,4,5,6,8,11   |
| 47K                                   | 1/4 | 150K     | 1/3 | 15,000              | .250              | .828    | .938    | 1,5,12,13      |
| 47K                                   | 1/4 | -        | -   | 15,000              | .250              | .828    | .938    | 1,5,11,13      |
| <b>T-2 Telephone Slide Base</b>       |     |          |     |                     |                   |         |         |                |
| 100K                                  | 1/4 | 220K     | 1/3 | 25,000              | 1.03              | .290    | -       | 1,5,7,12       |
| 100K                                  | 1/4 | -        | -   | 25,000              | 1.03              | .290    | -       | 1,5,7,11       |
| 47K                                   | 1/4 | 150K     | 1/3 | 25,000              | 1.03              | .290    | -       | 2,4,6,7,8,12   |
| 47K                                   | 1/4 | -        | -   | 25,000              | 1.03              | .290    | -       | 2,4,6,7,8,11   |
| 30K                                   | 1/4 | 100K     | 1/3 | 25,000              | 1.03              | .290    | -       | 2,4,5,6,7,8,12 |
| 30K                                   | 1/4 | -        | -   | 25,000              | 1.03              | .290    | -       | 2,4,5,6,7,8,11 |
| <b>T-3 1/4 Miniature Bayonet Base</b> |     |          |     |                     |                   |         |         |                |
| 220K                                  | 1/4 | 540K     | 1/3 | 25,000              | .430              | 1.188   | -       | 1              |
| 220K                                  | 1/4 | -        | -   | 25,000              | .430              | 1.188   | -       | 1,11           |
| 47K                                   | 1/4 | 150K     | 1/3 | 25,000              | .430              | 1.188   | -       | 2,4,6,8        |
| 47K                                   | 1/4 | -        | -   | 25,000              | .430              | 1.188   | -       | 2,4,6,9,11     |
| 47K                                   | 1/4 | 150K     | 1/3 | 15,000              | .430              | 1.188   | -       | 2,4,5,13       |
| 47K                                   | 1/4 | -        | -   | 15,000              | .430              | 1.188   | -       | 2,4,5,11,13    |

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