



## Products

### Aviation Neon Lamps

CML's line of neon lamps represents of the most economical forms of 'power on' indication. They provide superior performance under shock and vibration conditions.



**Part Number:** B1A (NE-51)

**Serial Number:** SCMB T-3 1/4

**Type:** T-3 1/4

**Base:** S.C. Mini Bayonet

**Max. Striking Volts (AC):** 65

**Max. Striking Volts (DC):** 90

**Design Current Max:** 0.3

**Series Resistor Value 100\_120:** 220KW1/4 W

**Series Resistor Value 220\_250:** 540KW1/3 W

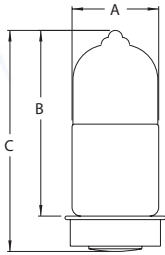
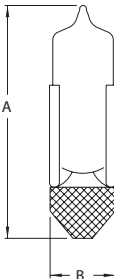
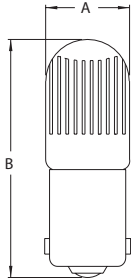
**Avg Life:** 25000

**Brightness:** Std

**Military Reference:** M15098/10-001

**RoHS Status:** Currently under review

**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 51GR	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 Ø.310" cylinder of .500" minimum length.