Grid Bias Cells

Application—Designed principally for use in the biasing of the first audio amplifier tube in modern high-gain receivers. Diagram of a typical circuit is shown at right. Bias cells do not require by-passing to ground.

Description—Small, acorn-shaped, self-contained devices. Metal container or cup is the negative electrode. Black disc is the positive electrode.

Characteristics—The no-current potential is within plus or minus 10% of their rated voltage.

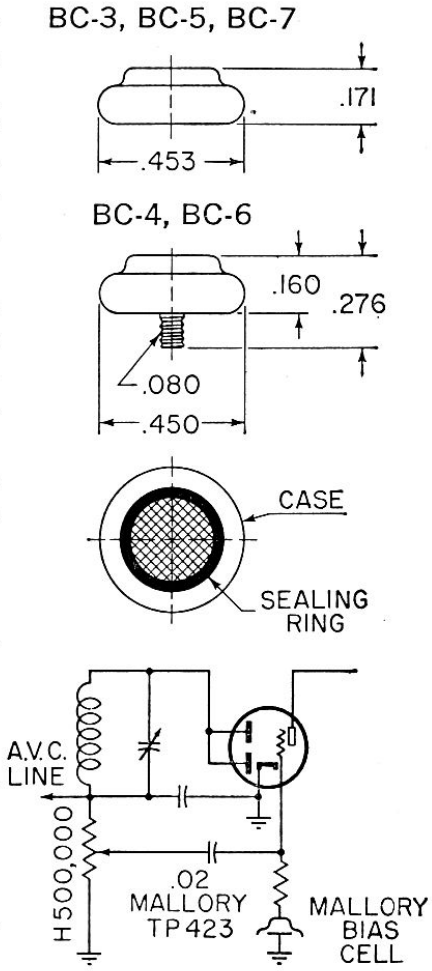
Current—The cells are strictly potential or voltage cells for biasing Class "A" amplifier tubes and should not be used for biasing power tubes or oscillators; or for any circuit where direct current may flow through, or be drawn from, the cells.

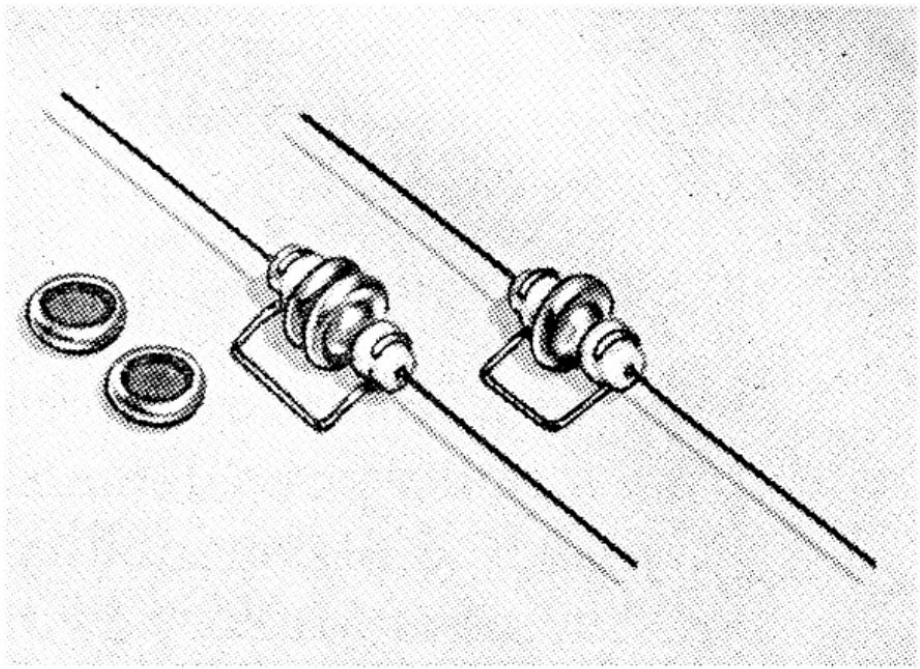
Temperature—Cells may be used at temperatures from 0°F. to 140°F. The voltage of the cells remains reasonably constant throughout this wide temperature range. It is recommended, however, that wherever possible the bias cells be placed in the coolest location.

Humidity—The cells exhibit no change in characteristics when exposed to a relative humidity of 90% at 120°F.

Impedance—Mallory Grid Bias Cells are non-reactive at audio frequencies. The DC resistance of the cells ranges from between 10,000 to 40,000 ohms.

Noise—Grid Bias Cells do not contribute to the noise factor of electronic circuits.





Cat. No.	Description	List Price
BC-3	1½-volt Grid Bias Cell (packed 10 to box)	$0.30
BC-4	1½-volt Grid Bias Cell (packed 10 to box) With mounting stud	.45
BC-5	1¾-volt Grid Bias Cell (packed 10 to box)	.30
BC-6	1¾-volt Grid Bias Cell (packed 10 to box). With mounting stud	.45
BC-7	1¼-volt Grid Bias Cell (packed 10 to box)	.30
GB15	Cell Clip, 2-cell holding capacity for BC-3 or BC-5 or BC-7	.24
GB16	Cell Clip, 4-cell holding capacity for BC-3 or BC-5 or BC-7	.24
GB17	Cell Clip, 1-cell capacity for BC-3 or BC-5 or BC-7	.24