High-Voltage Cold-Cathode Voltage Stabiliser

Code: G400/1K (CV2194)

The G400/1K is a miniature low current, high voltage gas-filled stabiliser specially developed for use where a high degree of stability is required.

MECHANICAL DATA

Maximum overall length	54	mm
Maximum seated height	47.6	mm
Maximum bulb diameter	19.1	mm
Base	B7G	
Net weight	8.5	g
Mounting position	Unrestricted	

CHARACTERISTICS

Maximum striking voltage	400	V
Nominal striking voltage	375	V
Maximum stabilising voltage at 3 mA	314	V←
Minimum stabilising voltage at 3 mA	302	V←
Nominal stabilising voltage at 3 mA	306	V←
D.C. operating current	2 to 4	mA
Nominal regulation, 2 to 4 mA	−1	V←
Maximum regulation, 2 to 4 mA	+0.5 −2.5	V←
Nominal drift in stabilising voltage (0 to 1 000 hours)	2	V←
Temperature coefficient, −20 to +70°C	±30	mV/°C←
Ambient temperature range	−55 to +90	°C←

NOTE.—In use, pins numbers 4 and 6 must be directly connected together in the external circuit.

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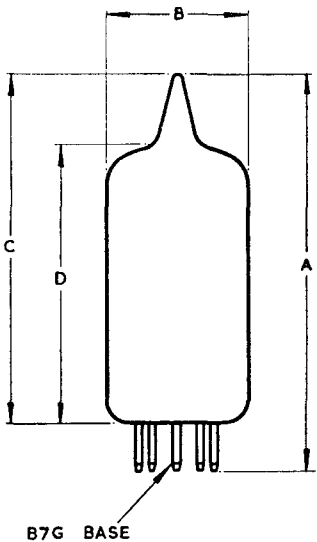

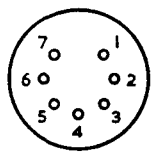

BASING

1. I.C.
2. CATHODE
3. I.C.
4. ANODE
5. I.C.
6. PRIMING ANODE ←
7. I.C.

DIM.	MILLIMETRES	INCHES
A	54·0 MAX.	$2\frac{1}{8}$ MAX.
B	19·1 MAX.	$\frac{3}{4}$ MAX.
C	47·6 MAX.	$1\frac{7}{8}$ MAX.
D	38·1 ± 2·4	$1\frac{1}{2} \pm \frac{3}{32}$

NOTE:- BASIC FIGURES ARE INCHES.