



Cold-Cathode Gas-Filled Triode

Code: G240/2D (CV2174)

The G240/2D is a cold-cathode, three electrode, gas-filled triode. It has been developed for use in applications where a higher power is needed in the anode circuit than is obtainable with the G150/2D type.

It is characterised by its long life cathode and non-interchangeability of trigger and cathode electrodes.

DIMENSIONS.

Maximum overall length	92.1	mm←
Maximum seated height	77.8	mm←
Maximum diameter	33.3	mm
Base	Small wafer octal with metal shell	

CHARACTERISTICS.

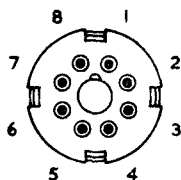
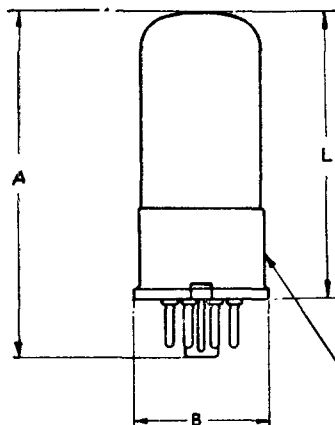
Nominal control gap breakdown voltage	75	V
Maximum control gap breakdown voltage	90	V
Nominal control gap maintaining voltage	} At 20 mA Cathode Current	65
Maximum control gap maintaining voltage		
Minimum main gap breakdown voltage	230	V
Nominal main gap maintaining voltage	} At 20 mA Cathode Current	90
Maximum main gap maintaining voltage		
Maximum transfer current at R_t 10 M Ω and V_a 200 V	15	μ A
Optimum operating current	20	mA
Nominal main gap deionization time	8	msec

MAXIMUM RATINGS.

Maximum peak cathode current	50	mA
Maximum direct cathode current	30	mA

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BASING

- 1 METAL BASE SHELL
- 2 BLANK
- 3 ANODE
- 4 BLANK
- 5 TRIGGER
- 6 } INTERNALLY
- 7 } STRAPPED
- 8 CATHODE

SMALL WAFER OCTAL
WITH METAL SHELL

DIM	MILLIMETRES	INCHES
A	92.1 MAX	3 ⁵ / ₈ MAX
B	33.3 MAX	1 ⁵ / ₁₆ MAX
L	77.8 MAX	3 ¹ / ₁₆ MAX

NOTE:- BASIC FIGURES ARE INCHES.