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	V
Maximum control gap maintaining voltage (At 20 mA Cathode Current)	75	V
Minimum main gap breakdown voltage	230	V
Nominal main gap maintaining voltage (At 20 mA Cathode Current)	90	V
Maximum main gap maintaining voltage (At 20 mA Cathode Current)	110	V
Maximum transfer current at R_t 10 MΩ and V_a 200 V	15	μA
Optimum operating current	20	mA
Nominal main gap deionization time	8	msec

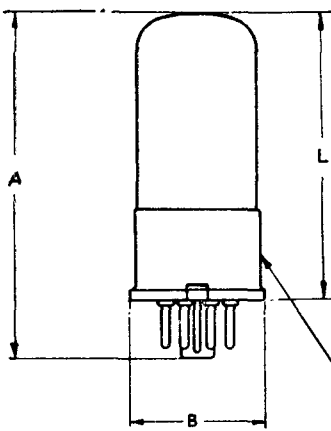
MAXIMUM RATINGS.

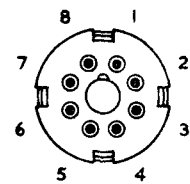
Maximum peak cathode current	50	mA
Maximum direct cathode current	30	mA

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BASING

1	METAL BASE SHELL
2	BLANK
3	ANODE
4	BLANK
5	TRIGGER
6, 7	INTERNALLY 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.