



# Cold Cathode Gas-Filled Relay

G240/2D

Cold cathode, 3 electrode, gas filled valve for use as a relay or rectifier in applications where a higher power is needed in the anode circuit than that obtainable with a G150/1A (4313C) valve.

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

## DIMENSIONS.

Maximum overall length	102	m.m.
Maximum bulb diameter	30	m.m.
Base International Octal		
Net weight	34	g.

## CHARACTERISTICS.

Nominal control gap breakdown voltage	75	V
Nominal control gap maintaining voltage	65	V
Minimum main gap breakdown voltage	240	V
Nominal main gap maintaining voltage	90	V
Optimum operating current	20	mA
Transfer current at $V_a$ 200V	10	$\mu$ A

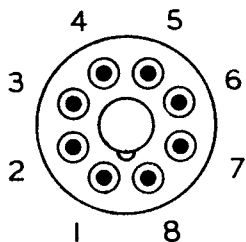
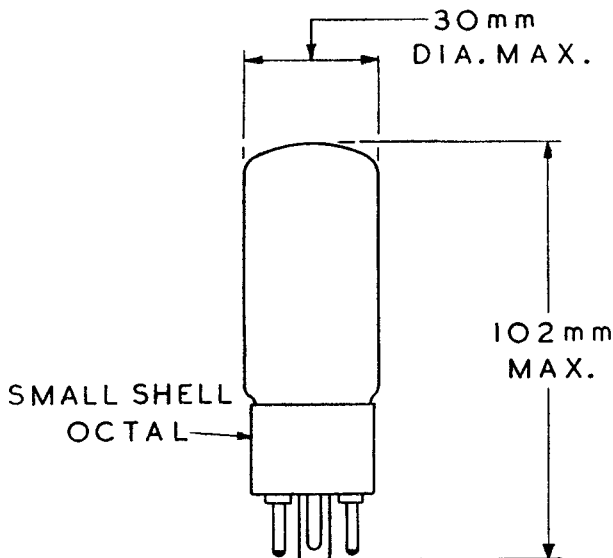
## MAXIMUM RATINGS.

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

G240/2D

# Cold Cathode Gas-Filled Relay

G240/2D



## BASING

- |   |              |
|---|--------------|
| 1 | BLANK        |
| 2 | BLANK        |
| 3 | ANODE        |
| 4 | BLANK        |
| 5 | TRIGGER      |
| 6 | } INTERNALLY |
| 7 |              |
| 8 | CATHODE      |

Tentative data  
March 1945

G240/2D-2