

TUBE TYPE 6539

MULLARD LIMITED
Century House,
Shaftesbury Avenue,
LONDON E. C. 2
ENGLAND

The 6539 is a cold cathode inert gas-filled tube with priming discharge. Primarily intended for use in conjunction with Geiger-Muller tubes in radiation monitoring equipment and for use in low current stabilizer circuits.

PHYSICAL SPECIFICATIONS

Base	Noval 9 pin
Bulb	Glass
Maximum overall length	1 25/32" (45 mm.)
Maximum bulb diameter	7/8" (22.2 mm.)
Basing designation	9EB

BASING CONNECTIONS

Pin 1 Plate	Pin 7 Cathode
2 Auxiliary cathode	8 Auxiliary cathode
3 Trigger	9 Trigger
4 Auxiliary cathode	
5 Cathode	
6 Cathode	

CHARACTERISTICS AND RATINGS (Absolute values unless otherwise specified).

*Minimum plate to cathode breakdown voltage	170 volts
**†Maximum mean cathode current	2.5 mamps
†Maximum peak cathode current	10 mamps
**‡Maximum mean auxiliary cathode current	1.0 mamps
†Maximum peak auxiliary cathode current	4.0 mamps
*Nominal maintaining voltage at 2 mamps	105 volts

* $V_a = V_t = 170V$: V_{in} (pulse) = 30 volts: P. R. F. = 30 c.p.s.:

**Averaged over any interval of 15 secs.

†The cathode current can be divided in any way between the trigger and plate. It is permissible for the peak current to be 20 mamps provided that the current averaged over any period of 1 msec. does not exceed 10 mamps.

‡The auxiliary cathode current can be divided in any way between trigger and plate.