



# Miniature Half-Wave High-Voltage Rectifier

Code: 2T/270K (CV261)

The R.T.M.A. code for this valve is 6305. ←

## CATHODE.

Indirectly-heated, oxide-coated

Heater voltage	4	V
Nominal current	0.5	A

## DIMENSIONS.

Maximum overall length	60	mm←
Maximum seated height	53	mm←
Maximum diameter	19.05	mm←
Top cap	Skirted CT-1	←
Base	B7G	

## MAXIMUM RATINGS.

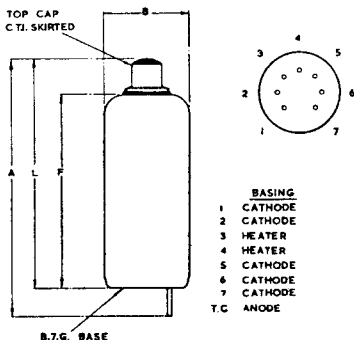
Maximum applied r.m.s voltage	5.5	kV
Maximum applied r.m.s voltage for simultaneous switching of heater and anode supplies	3.5	kV
Maximum working peak inverse voltage	12.5	kV
Maximum no load peak inverse voltage	15.5	kV
Maximum DC mean rectified current	5	mA
Maximum peak anode current	40	mA
Recommended reservoir capacitor	0.3	μF←
Minimum limiting equivalent resistor introduced externally for an r.m.s. voltage of 5.5 kV	50	kΩ←
Minimum delay in switching anode supply after heater voltage at maximum applied voltage	30	sec.

The above ratings apply to operation with a capacitor input filter and supply frequency of 50 c/s.

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DIM.	MILLIMETRES	INCHES
A	60.00 MAX.	2 <sup>1</sup> / <sub>2</sub> .32 MAX.
B	19.05 MAX.	3 <sup>3</sup> / <sub>4</sub> MAX.
F	34.04 MIN. 42.16 MAX.	1 <sup>1</sup> / <sub>2</sub> .52 MIN. 1 <sup>2</sup> / <sub>3</sub> .32 MAX.
L	53.00 MAX.	2 <sup>1</sup> / <sub>16</sub> MAX.

NOTE - BASIC FIGURES ARE IN MILLIMETRES.

