

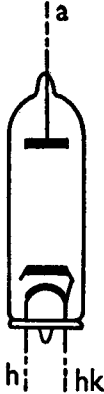


**MINIATURE
HALF WAVE RECTIFIER
6.3V INDIRECTLY HEATED**

U43
MARCH, 1954

A High Voltage Vacuum Rectifier suitable for providing HT power for cathode ray tubes from an RF source or by rectification of the fly-back voltage.

CONNECTIONS AND VALVE DIMENSIONS



Bulb
 Max. overall length: 48 mm.
 Max. diameter: 10 mm.
 Leads (Nominal)
 Diameter: 45 mm.
 Length: 32 mm.

RATINGS (Maximum)

	50 c/s Input	Sinusoidal Input (10—500 kc/s)	Pulsed Input*	V
V_h	6.3			A
I_h	0.09			kV
$V_{in}(rms)$	5	—	—	kV
PIV	—	17	17	mA
I_{out}	3.0	0.5	0.35	mA
$I_k(pk)$	18	4	80	μF
C	0.1	0.01	0.05	M Ω
R_{source}	0.1	—	—	

* Max. pulse duration 0.5% of the time between 2 pulses with a maximum of 5 μ secs.

CAPACITANCE

ca-k 0.8 pF

SWITCHING

Direct.

MOUNTING

Any position.

Leads should not be soldered closer than 5 mm. to the glass and they should not be bent nearer than 1.5 mm. from the glass.

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