



BI-PHASE HALF-WAVE RECTIFIER

5V INDIRECTLY HEATED

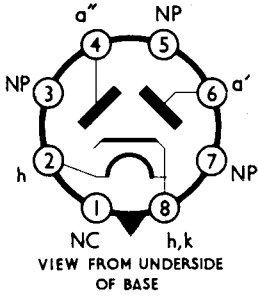
PROVISIONAL

U54

AUGUST 1955

ISSUE 1

BASE CONNECTIONS AND VALVE DIMENSIONS



Base: International octal
Bulb: Dome top tubular

Max. overall length: 135mm
Max. seated length: 120mm
Max. diameter: 51mm

HEATER

V_h	5	V
I_h	2.8 approx.	A

RATINGS (Capacitor Input)

PIV	$I_{out} = 0$	1.6 max	kV
	$I_{out} = \text{max.}$	1.25 max	kV
i_a (pk)		1.5 max	A
I_{out}		250 max	mA

TYPICAL OPERATION (Capacitor input)

V_a (rms)	500	V
V_{out}	500 approx	V
I_{out}	250	mA
C	4	μF
R_{source}	75 min	Ω

