

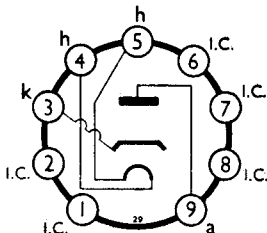


HALF WAVE RECTIFIER

0-3A INDIRECTLY HEATED

U319
APRIL, 1952

BASE CONNECTIONS AND VALVE DIMENSIONS



View from underside of base.

Base : B9A

Bulb : Tubular

Overall length : 72—78 mm.

Seated length : 66—72 mm.

Max. diameter : 22 mm.

RATING

I_h	0.3	A
V_h	20 approx.	V
V_{h-k}	350 max.	V
v_{h-k} (pk)	700 max.	V
P.I.V.	700 max.	V
I_{out}	170 max.	mA
V_{in} (rms)	250 max.	V
i_a (pk)	1	A
i_a (sur)	3.4 max.	A

CAPACITANCE

C_a all	8	pF
-----------	---	----

TYPICAL OPERATION

Single Phase Half wave

Capacitor input.

V_{in} (rms)	250	V
P.I.V.	700	V
V_{out}	235	V
I_{out}	170	mA
i_a (pk)	1	A
i_a (sur)	3.4	A
I_{ph} (rms)	360	mA
R_{source}	55	Ω
C	12	μF
Ripple	15	%

MOUNTING

Any position.

RETAINING

A retaining device should be used.

VENTILATION

Free air circulation is preferable. If the retaining device is in the form of a canister, the surfaces should be blackened. The temperature of the hottest part of the bulb must not exceed 225°C.

U319

