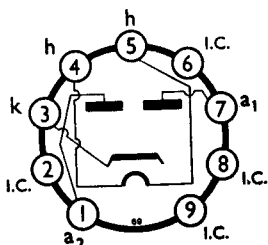




**MINIATURE
BI-PHASE HALF WAVE RECTIFIER
6·3V INDIRECTLY HEATED**

U709
OCTOBER, 1953

BASE CONNECTIONS AND VALVE DIMENSIONS



View from underside of base.

Base : B9A
Bulb : Tubular
Overall length : 67·5 max. mm.
Seated length : 60·5 max. mm.
Max. diameter : 22·2 max. mm.

RATING

V_h	6·3	V
I_h	0·95	A
V_{h-k}	450 max.	V
PIV	1 max.	kV
V_a (rms)	350 max.	V
I_{out}	150 max.	mA
i_a (pk)	450 max.	mA
i_a (sur)	1·5 max.	A

TYPICAL OPERATION

Single valve, Bi-phase half-wave. Capacitor input

V_a (rms)	350	V
PIV	1000	V
V_{out}	340	V
I_{out}	150	mA
i_a (pk)	450	mA
i_a (sur)	1·5	A
I_{ph} (rms)	157	mA
C	8	μF
R_{source}	270	Ω
Vripple	10	%

SWITCHING

Direct

MOUNTING

Any position.

RETAINING

A retaining device should be used.

VENTILATION

Free air circulation is preferable. The temperature of the hottest part of the bulb must not exceed 220°C.

