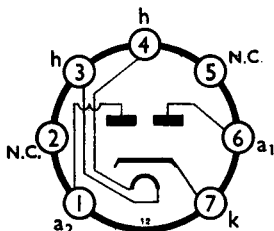




**MINIATURE
BI-PHASE HALF WAVE RECTIFIER
6·3V INDIRECTLY HEATED**

U78
APRIL, 1952

BASE CONNECTIONS AND VALVE DIMENSIONS



View from underside
of base.

Base : B7G
Bulb : Tubular

Overall length : 44—70 mm.
Seated length : 58—64 mm.
Max. diameter : 19 mm.

RATING

V_h	6·3	V
I_h	0·6	A
V_{h-k}	450 max.	V
PIV	1·25 max.	kV
V_a (rms)	325 max.	V
I_{out}	70 max.	mA
i_a (pk)	210 max.	mA
i_a (sur)	700 max.	mA

TYPICAL OPERATION

Single Valve, Bi-phase Half Wave. Capacitor Input

V_a (rms)	325	V
PIV	920	V
V_{out}	300	V
I_{out}	70	mA
i_a (pk) (per anode)	210	mA
i_a (sur) (per anode)	700	mA
I_{ph} (rms)	73·5	mA
C	16	μ F
R_{source}	435	Ω
Ripple	3	%

MOUNTING

Any position.

RETAINING

A retaining device should be used.

VENTILATION

Free air circulation is preferable. The hottest part of the bulb must not exceed 250°C.

