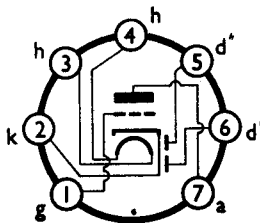




**MINIATURE
DOUBLE-DIODE-TRIODE
0-1A INDIRECTLY HEATED**

DH77
OCTOBER, 1951

BASE CONNECTIONS AND VALVE DIMENSIONS



View from underside of base.

Base : B7G
Bulb : Tubular.

Overall length : 49—55 mm.
Seated length : 43—49 mm.
Max. diameter : 19 mm.

RATING

V_h		6.3	V	
I_h		0.3	A	
V_a		250 max.	V	
μ	}	70	k Ω	
r_a		58		
g_m		1.2		mA/V

at $V_a=250$, $V_g=-3$

CAPACITANCES (of unscreened valve)

C_{g-a}	1.9	pF	$C_{d'-k}$	1.5	pF	$C_{d'-g}$	0.04	pF
C_{a-k}	1.1	pF	$C_{d'-k}$	1.1	pF	$C_{d'-a}$	0.17	pF
C_{g-k}	2.0	pF	$C_{d'-d'}$	0.4	pF	$C_{d'-a}$	0.24	pF
			$C_{d'-g}$	0.05	pF			

TYPICAL OPERATION

V_a	250	V
I_a	1	mA
V_g	-3	V
R_k	2	k Ω
R_a	0.25	M Ω

SCREENING

No internal or external screening is fitted to the valve.

MOUNTING

Any position.

MICROPHONY

Although this is of a very low order, equipment should be designed to minimise microphony.

