



TRIPLE DIODE TRIODE DH719/EABC80

6.3V INDIRECTLY HEATED

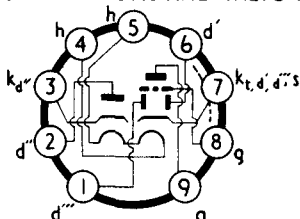
PROVISIONAL

APRIL 1955

ISSUE 1

A triple-diode-triode with one diode (d'') having a separate cathode (k'').
Designed for use primarily in FM and FM/AM receivers.

BASE CONNECTIONS AND VALVE DIMENSIONS



VIEW FROM UNDERSIDE
OF BASE

Base: B9A.
Bulb: Tubular.

Max. overall length: 67mm.
Max. seated length: 60mm.
Max. diameter: 22mm.

RATING

TRIODE SECTION		DIODE SECTIONS	
V_a	300 max	V	PIV all sections 350 max
V_{h-k}	150 max	V	$I_{d'}$ 1 max mA
I_k	5 max	mA	$I_{d''}$ 10 max mA
P_a	1 max	W	$I_{d'''}$ 10 max mA
R_{g-k}	3 max	M Ω	$r_{d'}$ (at $V_{d'} = 10$) 5 k Ω
μ { at $V_a = 100$	70		$r_{d''}$ (at $V_{d''} = 5$) 200 Ω
g_m { $V_g = -1$	1.45	mA/V	$r_{d'''}$ (at $V_{d'''} = 5$) 200 Ω
r_a { $I_a = 0.8$ mA	48	k Ω	

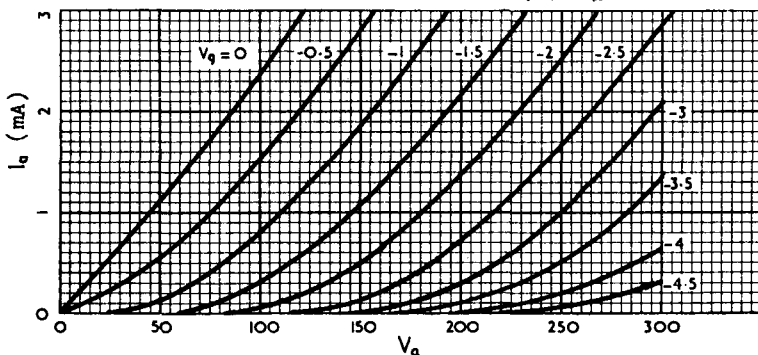
CAPACITANCES

Triode section:

c_{g-all} (less a): 1.9pF. c_{a-all} (less g): 1.4pF. c_{a-g} : 2.0pF.

Diode sections:

$c_{d'-all}$: 0.8pF; $c_{d''-all}$: 4.8pF; $c_{d'''-all}$: 4.8pF; $c_{k''-all}$: 4.9pF.



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