



TRIPLE DIODE TRIODE DH719/EABC80

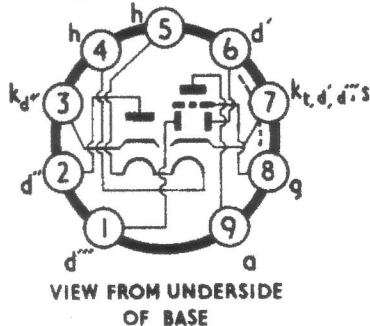
PROVISIONAL

6.3V INDIRECTLY HEATED

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



Base: B9A.
Bulb: Tubular.

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

RATING

	V_h	6.3	V		
	I_h	0.45	A		
	TRIODE SECTION			DIODE SECTIONS	
V_a	300 max	V	PIV all sections	350 max	V
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	MΩ	$r_{d'}$ (at $V_{d'} = 10$)	5	kΩ
μ { at $V_a = 100$	70	mA/V	$r_{d''}$ (at $V_{d''} = 5$)	200	Ω
$V_g = -1$			$r_{d'''}$ (at $V_{d'''} = 5$)	200	Ω
$I_a = 0.8mA$			48	kΩ	

CAPACITANCES

Triode section:

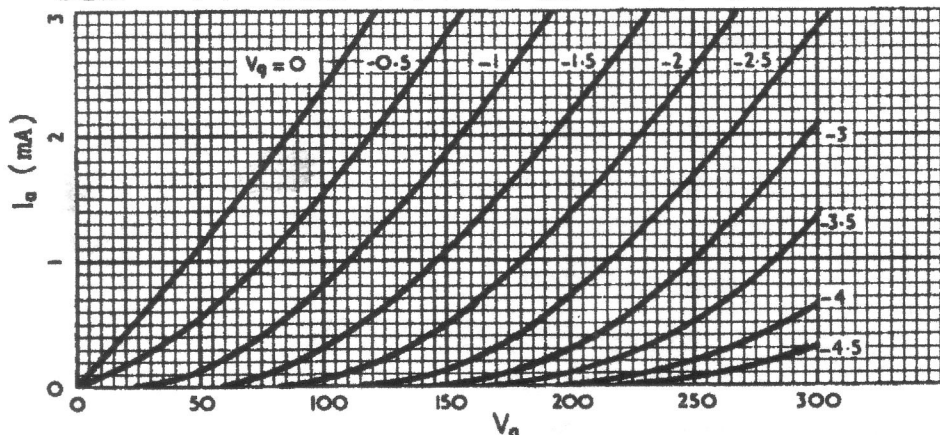
C_{g-all} (less a): 1.9pF.

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.



MARCONI'S WIRELESS TELEGRAPH COMPANY LIMITED

Head Office: Marconi House, Chelmsford · Telephone: Chelmsford 3221 · Telegraphic Address: Expanse, Chelmsford