

# SHORT WAVE TRIODE

# EC52

Single-ended short wave triode for use as low power oscillator.

### HEATER

$V_h$	6.3	V
$I_h$	0.43	A

### CAPACITANCES

$c_{in}$	5.2	$\mu\mu F$
$c_{out}$	1.3	$\mu\mu F$
$c_{a-gl}$	3.1	$\mu\mu F$

### CHARACTERISTICS

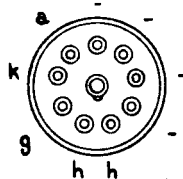
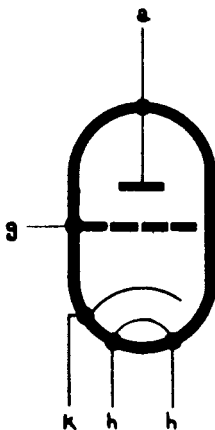
$V_a$	250	V
$V_{g1}$	-2.6	V
$I_a$	10	mA
$\xi_m$	6.5	mA/V
$\mu$	60	
$r_a$	9200	$\Omega$
Equivalent noise resistance.	310	$\Omega$

### LIMITING VALUES

$V_a$ max.	400	V
$W_a$ max.	7.5	W
Limiting frequency of oscillation.	400	Mc/s

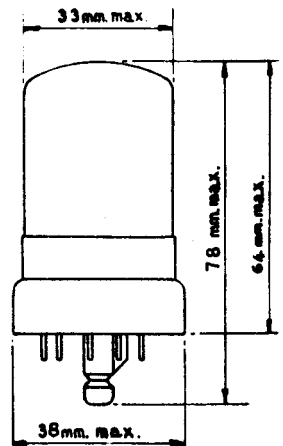
NOTE: Up to 300 Mc/s the inductance of the heater leads is sufficiently low to allow the heater pins to be earthed capacitatively.

### ARRANGEMENT OF ELECTRODES AND BASE CONNECTIONS



B9G BASE

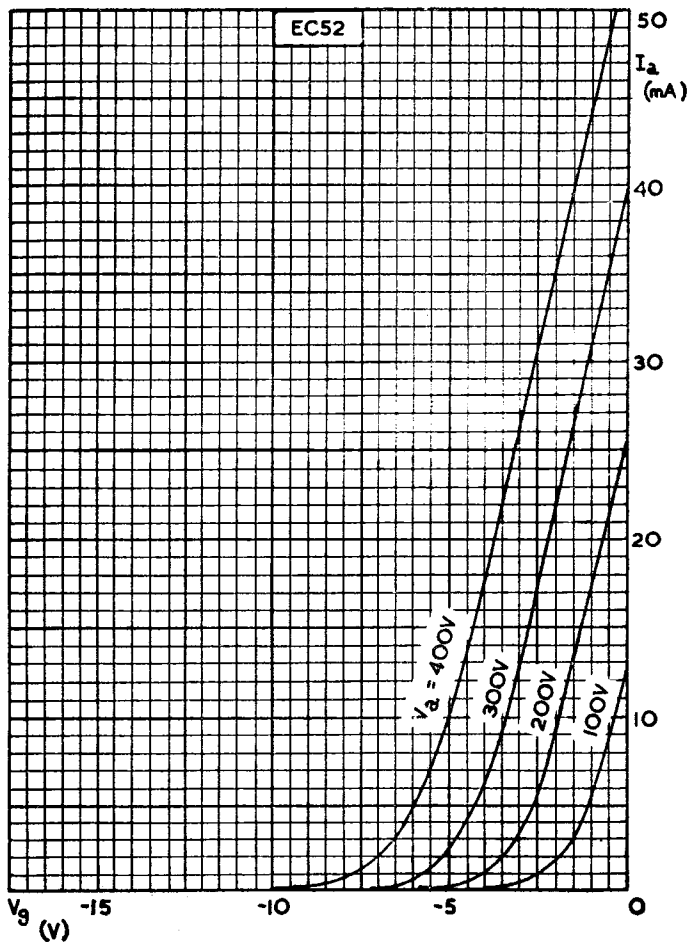
### DIMENSIONS



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