



# Monitor Cathode Ray Tubes

Codes: VLS492AB  
VLS492AG

## CATHODE.

Indirectly-heated, oxide-coated

Heater voltage	2	V
Nominal current	1.8	A

## DIRECT INTERELECTRODE CAPACITANCES.

$X_1$ plate to $X_2$ plate	0.8	pF
$Y_1$ plate to $Y_2$ plate	4.3	pF
$X_1$ plate to all other electrodes	6.6	pF
$Y_1$ plate to all other electrodes	6.0	pF
Control grid to all other electrodes	8.5	pF

## CHARACTERISTICS.

Screen colour	<table> <tr> <td>VLS492AB</td> <td>Blue</td> </tr> <tr> <td>VLS492AG</td> <td>Green</td> </tr> </table>	VLS492AB	Blue	VLS492AG	Green	
VLS492AB	Blue					
VLS492AG	Green					
Focussing method	Electrostatic					
Deflection method	Electrostatic					
Sensitivity, (where $V_{a_2}$ = Second anode voltage)						
X plates	110	mm/V				
	$\sqrt{V_{a_2}}$					
Y plates	120	mm/V				
	$\sqrt{V_{a_2}}$					

## DIMENSIONS.

Maximum overall length	171.5	mm
Maximum seated height	157.2	mm←
Maximum bulb diameter	41.3	mm
Useful screen diameter, approx.	32	mm
Base	Medium shell octal	
Net weight	100	g

## TYPICAL OPERATING CONDITIONS.

Second anode voltage	500	1 000	V
First anode voltage	100	200	V
Grid voltage	0 to -5	-5 to -10	V

NOTE.—The key way in the base is at 45° to the plane of the deflector plates.

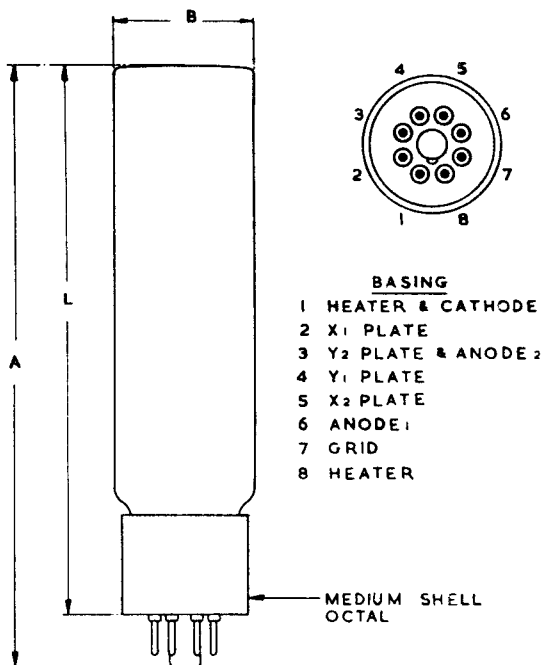
Ref.:

C6SS/1B

C6SS/1G

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DIM	MILLIMETRES	INCHES
A	171.5 MAX:	6 <sup>3</sup> / <sub>4</sub> MAX:
B	41.3 MAX:	1 <sup>5</sup> / <sub>8</sub> MAX:
L	157.2 MAX:	6 <sup>3</sup> / <sub>16</sub> MAX:

NOTE:- BASIC DIMENSIONS ARE INCHES