

ESU866

HALF WAVE MERCURY VAPOUR RECTIFIER

RATING

Filament Voltage (volts)	V_f	2.5
Filament Current (amps)	I_f	5.0
Maximum Peak Anode Current (amps)	$I_a(pk)$	1.0
Maximum Peak Inverse Voltage (volts)	P.I.V (max)	10,000
Maximum Mean Anode Current (amps)	$I_a(av)max$	0.25
Approximate Voltage Drop (volts)	V_{ir}	15
Cathode Delay Time (secs)	t	60
Ambient Temperature ($^{\circ}C$)		20-60

DIMENSIONS

Maximum Overall Length (mm)	170
Maximum Diameter (mm)	66
Approximate Nett weight (ozs)	3
Approximate Packed Weight (lbs)	$1\frac{1}{2}$
Approximate Packed Export Weight	2

MOUNTING POSITION Vertical

EASE

U.X. 4 pin. This valve can also be supplied fitted with an E.S. base, in which case it is known as the ESU.866/ES.

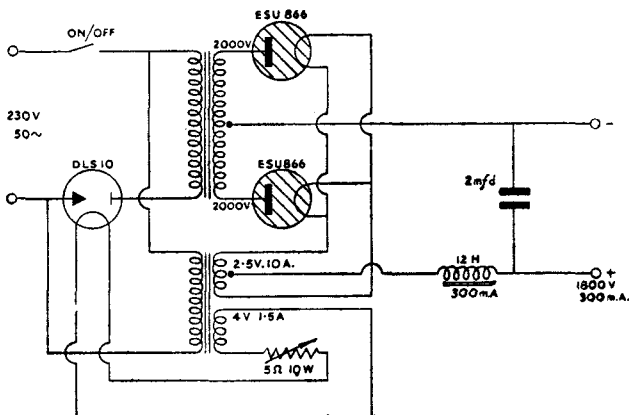
TOP CAP Anode

SPECIAL NOTE

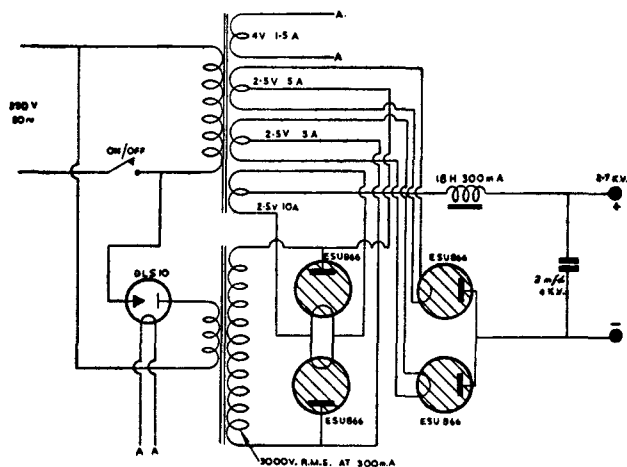
When first placed into operation it is essential that the filament is run at the rated value for 15 minutes without any anode voltage being applied.

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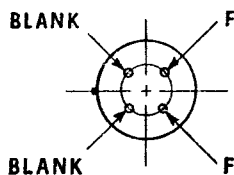
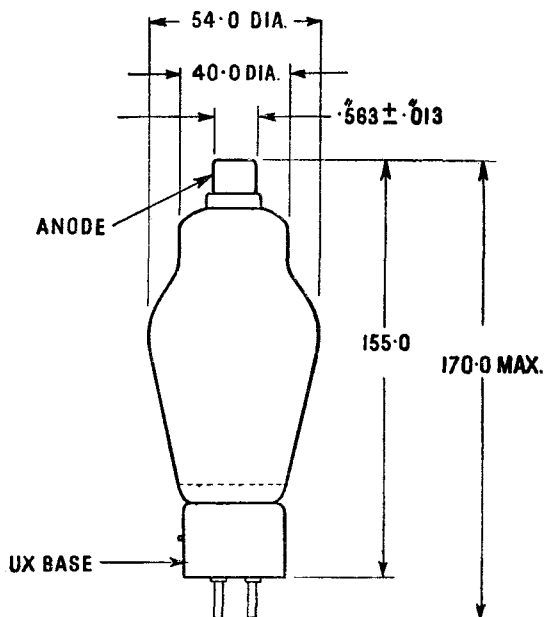
FULL WAVE CIRCUIT TO SUPPLY 1.8 K V AT 300 m A.



BRIDGE RECTIFIER CIRCUIT TO SUPPLY 2.7 K.V. AT 300 m A.



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UNDERSIDE VIEW OF BASE

ALL DIMENSIONS IN M.M. UNLESS OTHERWISE STATED