

## EDISWAN

ESW.204

## RADIATION COOLED TRIODE

GENERAL

The ESW.204 is a U.H.F. triode suitable for use in industrial and transmitting equipment. The filament is of the thoriated Tungsten type.

RATING

Filament Voltage (volts)	$V_f$	11.0
Filament Current (amps)	$I_f$	7.0
Maximum Anode Voltage (volts)	$V_a(\max)$	2,000
Average Maximum Filament Emission	$F_{em}(av)$	2.5
Maximum Anode Dissipation (watts)	$W_a(\max)$	250
Mutual Conductance (mA/V)	$g_m$	2.0
Amplification Factor	$\mu$	18.0
Anode Impedance (ohms)	$r_a$	9,000
Maximum Operating Frequency at full rating		† 80 Mc/s

\* Taken at  $V_a = 2,000v$ ;  $I_a = 125$  mA

† At higher frequencies the maximum permissible anode voltages and inputs must be reduced.

INTER-ELECTRODE CAPACITANCES

Anode/Grid ( $\mu\mu F$ )	$ca, g_1$	8.4
Anode/Filament ( $\mu\mu F$ )	$ca, f$	1.56
Grid/Filament ( $\mu\mu F$ )	$g_1, f$	3.23

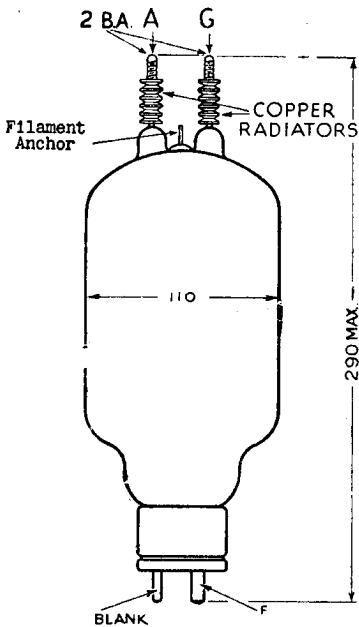
DIMENSIONS

Maximum Overall Length (mm)	290.0
Maximum Diameter (mm)	110.0

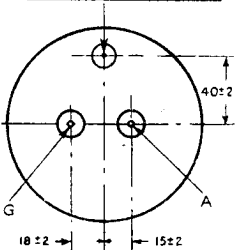
MOUNTING POSITION - Vertical

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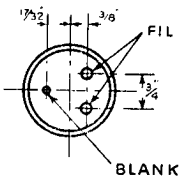
# EDISWAN ESW.204 RADIATION COOLED TRIODE



FILAMENT ANCHORAGE ONLY  
NOT INTENDED FOR CONNECTION



TOP VIEW OF BULB



UNDERSIDE VIEW  
OF BASE

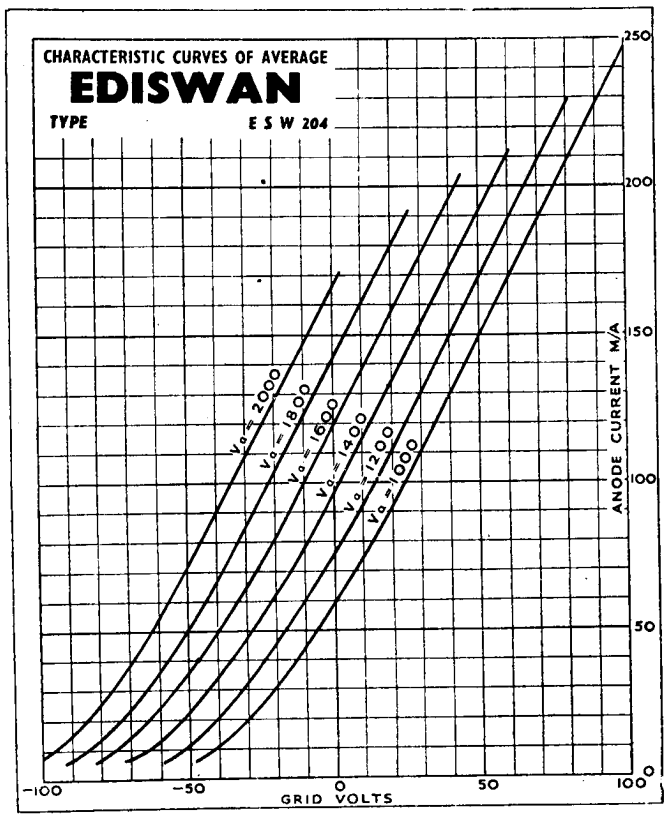
ALL DIMENSIONS IN mm. UNLESS  
OTHERWISE STATED

Base blank pin in alignment with Anode terminal on top of bulb

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