DATA FOR E.I.A. REGISTRATION

MULLARD LIMITED, Mullard House, Torrington Place, LONDON.W.C.1. England.

THREE ELECTRODE THYRATRON XR1-3200A

Maximum Net Weight

The XR1-3200A is a three electrode inert gas-filled thyratron with a negative control characteristic. This tube is designed primarily for motor control applications.

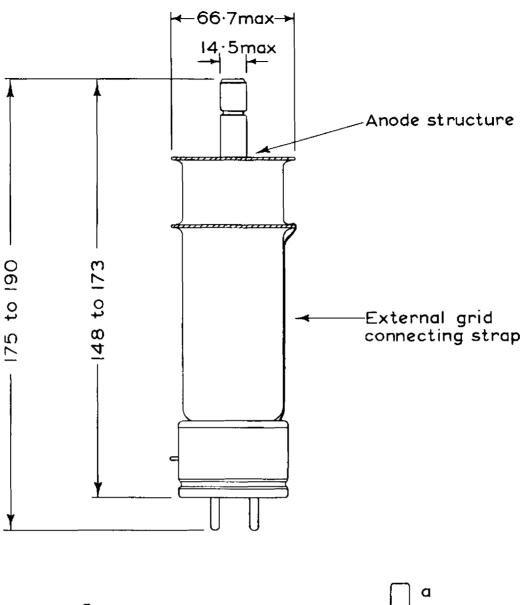
MAXIMUM RATINGS				
Maximum Peak Anode Voltage Inverse Forward		1500 1500		volts volts
Maximum Cathode Current Peak Average Surge (maximum duration 0.1 se Maximum Averaging Time	cond)	56	0 3.2 0	amperes amperes amperes seconds
Maximum Negative Control Grid Volta Before Conduction During Conduction	ıge	25 1	60 .0	volts volts
Maximum Positive Control Grid Curred (during the time that the anode volis more positive than -10 volts) Peak	.tag e		2.5	amperes
Average (Averaging Time One Cy	cle)		0.20	ampere
Maximum Positive Control Grid Curre (during the time that the anode vol is more negative than -10 volts)			•	
Peak				lliamperes
Maximum Control Grid Resistor		100,00		ohme
Maximum Commutation Factor		13		•
Ambient Temperature Limits	-	-55 to +7	0	°C
GENERAL				
Min	imum	Bogey	Maximum	
Filament Voltage 2 Filament Current at	.37	2.5	2.63	volts
2.5 volts Cathode Heating Time 60	.0	12	13.5	amperes seconds
Anode to Control Grid Capacitance Control Grid to Cathode Capacitance Deionisation Time		7.5 5.0		րկք 144
Grid Voltage = -250 volts Grid Voltage = -12 volts Ionisation Time Anode Voltage Drop Critical Control Grid Current		40 1 1	0 approx. 6 approx.	pseconds pseconds volts
at Anode Voltage = 1500 Vol	ts	<2	0	pamperes
Mechanical Data				
Mounting Position Any between horizontal a vertical with base do				
""Cooling	(Convectio	n	
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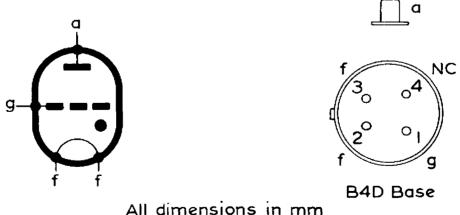
10.6

ounces

^{*}Care should be taken to avoid damage to or contact with the external grid connecting strap.

The anode structure must be left free to ensure adequate cooling by free convection.





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