



RADIO MANUFACTURERS ASSOCIATION
ENGINEERING DEPARTMENT

Release No. 376
April 15, 1944

Type 12Y4

Physical Specifications

Coated Unipotential Cathode	
Base	British 5-pin
Bulb	ST-12C
Maximum Diameter	1-9/16"
Maximum Overall Length	4-1/4"
Maximum Seated Height	3-39/64"

Pin connections:

Pin 1 - Heater	Pin 4 - Plate #1
Pin 2 - Plate #2	Centre Pin - Cathode
Pin 3 - Heater	

Mounting Position Any

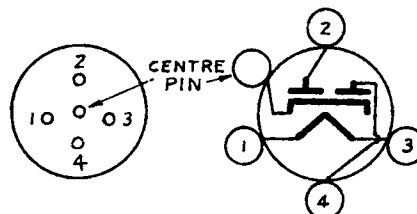
Direct Interelectrode Capacitances:*

Plate #1 to Cathode:	P1 to (H&K)	4.7 uuf
Plate #2 to Cathode:	P2 to (H&K)	5.0 uuf
Plate to Plate:	P1 to P2	.7 uuf

*All measurements taken with M8-311
tube shield connected to cathode.

Ratings

Heater Voltage	12.6 volts
Heater Current	.150 ampere
Maximum AC Plate Supply Voltage Per Plate (RMS)	150 volts
Maximum DC Heater to Cathode Potential	150 volts
Maximum Peak Inverse Voltage	420 volts
Maximum Steady State Peak Plate Current per plate	50 ma
Maximum Rectified DC Output Current per plate	8 ma
Tube Voltage Drop: Measured with applied DC at 16 ma per plate	8 volts



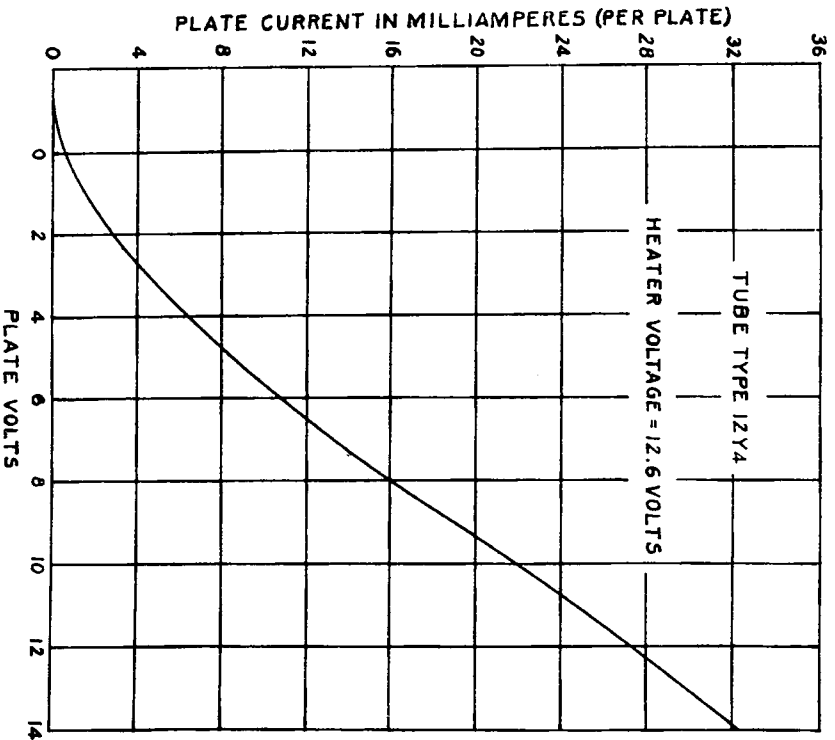
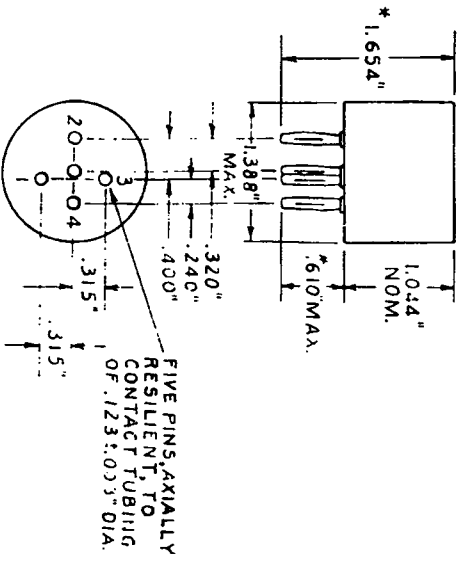
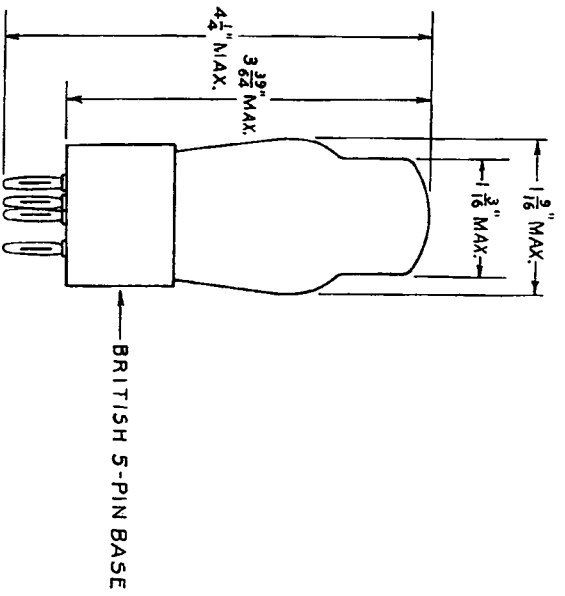
sponsor:
The Radio Valve Co. of Canada
Toronto, Ontario

RMA TYPE 12Y4

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AVERAGE CHARACTERISTICS



*ON FINISHED TUBE, ADD .020" FOR SOLDER