

VHF-TV Amplifier Tube

1000W Peak Sync. Output in VHF-TV Service

CERMOLOX®

Ruggedized, Reliable

Full Input to 400 MHz

Forced-Air Cooled

Matrix Oxide Cathode

ELECTRICAL

Heater-Cathode:

Type Unipotential, Oxide Coated, Matrix Type

Voltage (ac or dc)	{	6.3 typ. V
		6.6 max. V

Current at 6.3 volts 7.5 A

Minimum Heating Time 120 s

Mu-Factor, (Grid No.2 to Grid No.1) 13

GRID-MODULATED RF POWER AMPLIFIER— CLASS C TELEVISION SERVICE

Maximum CCS Ratings, Absolute-Maximum Values Up to 216 MHz

DC Plate Voltage 3000 V

DC Grid No. 2 Voltage 750 V

DC Grid No. 1 Voltage (white level) -250 V

DC Plate Current 750 mA

Grid No. 2 Input 25 W

Plate Dissipation 1000 W

Grid No. 1 Current 100 mA

MECHANICAL

Operating Position Any

Weight (Approx.) 3/4 lb (0.3 kg)

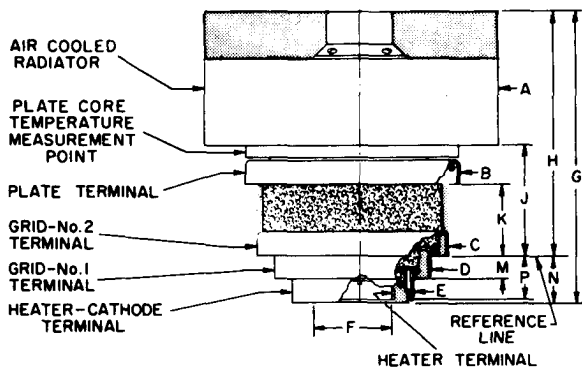
THERMAL^aSeal Temperature^c (Plate, Grid No.2,
Grid No.1, Cathode-Heater and Heater) 250 max. °C

Plate-Core Temperature 250 max. °C

^a See *Dimensional Outline* for temperature measurement points.^b Keep all stippled regions clear. Do not allow contacts or circuit components to protrude into these annular volumes.

Detailed performance and application information is available through your RCA Sales Office, Distributor, or write to RCA Commercial Engineering, Harrison, N.J. 07029.

DIMENSIONAL OUTLINE



92LS-2540V

DIMENSION	INCHES	MILLIMETERS
A Max.	2.52	(64.0) Dia.
B Min.	1.745	(44.32) Dia.
C Min.	1.590	(40.38) Dia.
D Min.	1.290	(32.76) Dia.
E Min.	0.99	(25.14) Dia.
F Max.	0.67	(17.02) Dia.
G Max.	2.44	(62.0)
H	$1.98 \pm .04$	(50.29 ± 1.01)
J	$0.830 \pm .035$	$(21.08 \pm .88)$
K	$0.575 \pm .025$	$(14.61 \pm .63)$
M	$0.20 \pm .02$	$(5.08 \pm .51)$
N	$0.40 \pm .02$	$(10.16 \pm .51)$
P	$0.385 \pm .025$	$(9.78 \pm .63)$