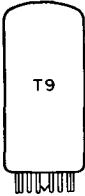
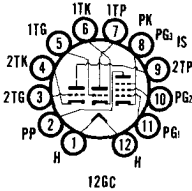


14BL11

VIDEO AMPLIFIER (P)
GENERAL PURPOSE AMPLIFIERS(T)

High Mu Triode, Medium Mu Triode
and Sharp Cutoff Pentode

Construction.....Compactron T-9
Base Button 12 Pin, E12-70
Basing 12GC
Outline 9-58
Maximum Diameter 1.188 In.
Maximum Seated Height 2.000 In.
Maximum Overall Height 2.375 In.



ELECTRICAL DATA
HEATER OPERATION

Heater Voltage.....	14.2 Volts
Heater Current	450 Ma
Heater Warm-up Time	11 Seconds
Maximum Heater-Cathode Voltage	
Heater Negative with Respect to Cathode	
Total DC and Peak.....	200 Volts
Heater Positive with Respect to Cathode	
DC	100 Volts
Total DC and Peak.....	200 Volts

DIRECT INTERELECTRODE CAPACITANCES (Unshielded)
Triode (Section 1)

Grid to Plate	1.9 Pf
Input: 1Tg to (1Tk + Pk + Pg3 + h + IS)	3.0 Pf
Output: 1Tp to (1Tk + Pk + Pg3 + h + IS)	2.4 Pf

Triode (Section 2)

Grid to Plate	2.6 Pf
Input: 2Tg to (2Tk + Pk + Pg3 + h + IS)	4.4 Pf
Output: 2Tp to (2Tk + Pk + Pg3 + h + IS)	4.0 Pf

Pentode Section

Grid No. 1 to Plate	0.12 Pf
Input: Pg1 to (Pk + Pg2 + Pg3 + h + IS)	12 Pf
Output: P to (Pk + Pg2 + Pg3 + h + IS)	4.4 Pf

Coupling

Pentode Plate to Triode Plate (Section 2)	0.05 Pf
Triode Plate (Section 1) to Triode Plate (Section 2)	0.12 Pf

RATINGS (Design Maximum Rating System)

Pentode Section

Plate Voltage (Max.)	250 Volts
Screen Voltage (Max.)	125 Volts
Positive DC Grid No. 1 Voltage (Max.)	0 Volt
Plate Dissipation (Max.)	2.5 Watts
Screen Dissipation (Max.)	1.25 Watts
Grid No. 1 Circuit Resistance	
Fixed Bias (Max.)	0.1 Megohm
Cathode Bias (Max.)	0.25 Megohm

Triode (Section 1)

Plate Voltage (Max.)	330 Volts
Positive DC Grid Voltage (Max.)	0 Volt
Plate Dissipation (Max.)	1.5 Watts
Grid Circuit Resistance	
Fixed Bias (Max.)	0.5 Megohm
Cathode Bias (Max.)	1.0 Megohm

Triode (Section 2)

Plate Voltage (Max.)	330 Volts
Positive DC Grid Voltage (Max.)	0 Volt
Plate Dissipation (Max.)	2.0 Watts
Grid Circuit Resistance	
Fixed Bias (Max.)	0.5 Megohm
Cathode Bias (Max.)	1.0 Megohm