



55

TWIN DIODE—MEDIUM-MU TRIODE

5/15/55

Heater, for Unipotential Cathode:

Voltage.	2.5	ac or dc volts
Current.	1.0	amp

Type 55 is the same as Type 85 except for heater rating.

56

MEDIUM-MU TRIODE

Heater, for Unipotential Cathode:

Voltage.	2.5	ac or dc volts
Current.	1.0	amp

Direct Interelectrode Capacitances:^o

Grid to Plate.	3.2	μf
Grid to Cathode.	3.2	μf
Plate to Cathode.	2.4	μf

^o Without external shield.*Type 56 is the same as Type 76 except for heater rating and direct interelectrode capacitances.*

57

SHARP-CUTOFF PENTODE

GENERAL DATA**Electrical:**

Heater, for Unipotential Cathode:

Voltage.	2.5	ac or dc volts
Current.	1.0	amp

Direct Interelectrode Capacitances:

Pentode Connection:

Grid No.1 to Plate ^o	0.007 max.	μf
Input ^{oo}	5	μf
Output ^{oo}	6.5	μf

Triode Connection:^{*oo}

Grid No.1 to Plate	2	μf
Grid No.1 to Cathode	3	μf
Plate to Cathode	10.5	μf

Mechanical:

Mounting Position.	Any
Maximum Overall Length	4-15/16"
Seated Length.	4-3/16" ± 1/8"
Maximum Diameter	1-9/16"
Bulb	ST-12

(continued on next page)

^o with external shield connected to cathode.^{oo} Without external shield.^{*} With grid No.2 and grid No.3 connected to plate.

JUNE 15, 1948

TUBE DEPARTMENT

DATA

RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

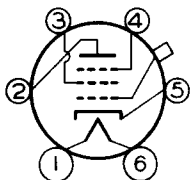


57

SHARP-CUTOFF PENTODE

Cap. Small
 Base Small-Shell Small 6-Pin
 Basing Designation for BOTTOM VIEW 6F

Pin 1-Heater
 Pin 2-Plate
 Pin 3-Grid No.2
 Pin 4-Grid No.3



Pin 5-Cathode
 Pin 6-Heater
 Cap - Grid No.1

Maximum Ratings, Characteristics, Typical Operating Conditions, and Curves are the same as for Type 6J7.

58

REMOTE-CUTOFF PENTODE

GENERAL DATA**Electrical:**

Heater, for Unipotential Cathode:

Voltage. 2.5 ac or dc volts
 Current. 1.0 amp

Direct Interelectrode Capacitances:

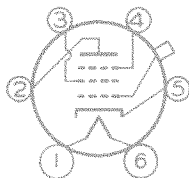
Grid No.1 to Plate^o . . 0.007 $\mu\mu\text{f}$
 Input. 4.7 $\mu\mu\text{f}$
 Output 6.3 $\mu\mu\text{f}$

^o With external shield connected to cathode.

Mechanical:

Mounting Position. Any
 Maximum Overall Length 4-15/16"
 Seated Length. 4-3/16" $\pm$ 1/8"
 Maximum Diameter 1-9/16"
 Bulb ST-12
 Cap. Small
 Base Small-Shell Small 6-Pin
 Basing Designation for BOTTOM VIEW 6F

Pin 1-Heater
 Pin 2-Plate
 Pin 3-Grid No.2
 Pin 4-Grid No.3



Pin 5-Cathode
 Pin 6-Heater
 Cap - Grid No.1

Maximum Ratings, Characteristics, and Typical Operating Conditions are the same as for Type 6U7-G.

Curves for Type 58 are the same as those for Types 6U7-G and 6D6.

For additional data, see RESISTANCE-COUPLED AMPLIFIER CHARTS at the front of this Section.