DUPLEX-DIODE TRIODE
RENEWAL TYPE FOR MAJESTIC RECEIVERS

Heater: Coated Unipotential Cathode
Voltage: 6.3 a-c or d-c volts
Current: 0.3 amp.
Overall Length: 4-9/32" to 4-17/32"
Seated Height: 3-21/32" to 3-29/32"
Maximum Diameter (without shield): 1-9/16"
Bulb (with form-fitting shield): ST-12
Cap: Small Metal
Base: Small 7-Pin
Pin 1 - Heater
Pin 2 - Plate
Pin 3 - External Shield
Pin 4 - Diode Plate #2
Pin 5 - Diode Plate #1
Pin 6 - Cathode
Pin 7 - Heater

BOTTOM VIEW (7G)

TRIODE UNIT

Characteristics:
Plate Voltage: 250 volts
Grid Voltage: -9 volts
Amp. Factor: 20
Plate Res.: 16000 ohms
Transcond.: 1250 pμhos
Plate Cur.: 4.5 ma.

DIODE UNITS - Two

Consideration of these units is given under Type 85. Circuits will be similar to those shown for Type 55 with fixed bias.

In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.

Requires a different socket than the medium 7-pin base.

July 1, 1941

RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

TENTATIVE DATA