



—PRODUCT INFORMATION—

2329

Compactron Dissimilar-Double-Triode Pentode

- VERTICAL OUTPUT PENTODE
- 140 VOLTS B+
- VERTICAL OSCILLATOR
- SYNC CLIPPER

The 2329 is a compactron containing a medium-mu triode, a high-mu triode, and a high-perveance beam pentode. The pentode is intended for vertical output service in monochrome television receivers operating from 140 volts B+. The two triodes are intended for vertical oscillator and sync clipper functions.

GENERAL

ELECTRICAL

Cathode - Coated Unipotential

Heater Characteristics and Ratings

Heater Voltage, AC or DC* 23 Volts

Heater Current† 0.45±0.03 Amperes

Heater Warm-up Time, Average‡ 11 Seconds

Direct Interelectrode Capacitances¶

Triode (Section 1)

Grid to Plate: (T1g to T1p) 3.0 pf

Input: T1g to (h + k + Pb.p.) 3.0 pf

Output: T1p to (h + k + Pb.p.) 0.4 pf

Triode (Section 2)

Grid to Plate: (T2g to T2p) 3.8 pf

Input: T2g to (h + k + Pb.p.) 2.0 pf

Output: T2p to (h + k + Pb.p.) 0.44 pf

Pentode Section

Grid-Number 1 to Plate:

(Pg1 to Pp) 0.24 pf

Input: Pg1 to (h + k + Pg2 + Pb.p.) 12 pf

Output: Pp to (h + k + Pg2 + Pb.p.) 7.0 pf

MECHANICAL

Operating Position - Any

Envelope - T-9, Glass

Base - E12-70, Button 12-Pin

Outline Drawing - EIA 9-58

Maximum Diameter 1.188 Inches

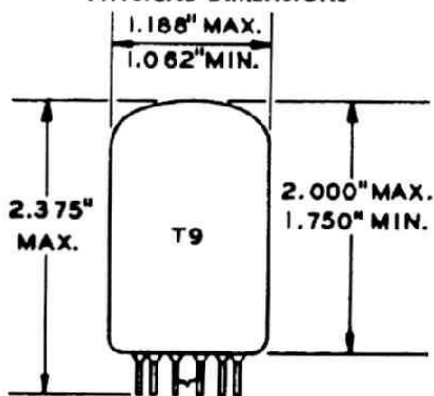
Minimum Diameter 1.062 Inches

Maximum Over-all Length 2.375 Inches

Maximum Seated Height 2.000 Inches

Minimum Seated Height 1.750 Inches

PHYSICAL DIMENSIONS

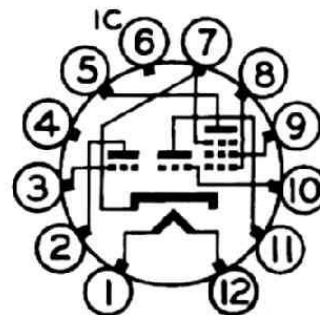


EIA 9-58

TERMINAL CONNECTIONS

- Pin 1 - Heater
- Pin 2 - Triode Plate (Section 2)
- Pin 3 - Triode Grid (Section 2)
- Pin 4 - No Connection
- Pin 5 - Pentode Plate
- Pin 6 - Internal Connection - Do Not Use
- Pin 7 - Cathode and Pentode Beam Plates
- Pin 8 - Pentode Grid Number 1
- Pin 9 - Pentode Grid Number 2 (Screen)
- Pin 10 - Triode Grid (Section 1)
- Pin 11 - Triode Plate (Section 1)
- Pin 12 - Heater

BASING DIAGRAM



EIA 12GZ