



ELECTRONIC TUBE REFERENCE

ARCOTRON301

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Telefunken Arcotron 301 is a gas-filled, directly heated detector designed for the Audion stage of resistance-coupled radio receivers. Its special construction permits detection with reduced sensitivity to low-frequency grid signals, using a 1 V filament and relatively high-value anode load resistance.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1 V / 250 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode

No fixed ratings recorded.

Telefunken Arcotron 301: gas-filled directly heated Audion detector for resistance-coupled receivers. Filament 1.0 V, approximately 0.25 A; maximum anode current 0.5 mA; recommended anode resistor 0.2–0.3 MΩ; example anode voltage 140 V. Static characteristic not specified.



SOURCE OPERATING CONDITIONS

9999 Mixed I 1000

Published test conditions and operating points. Values on this page are preserved as reported by this source.

9999 MIXED I 1000

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	140 V	Representative voltage within documented operating range

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