ELECTRONIC TUBE REFERENCE

345

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Early Cunningham triode documented for receiving-equipment service; available source metadata does not support a narrower functional assignment without speculation.

General characteristics

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	2.5 V / 1.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

Section ratings

SECTION1 Triode	
PLATE RESISTANCE	1750 Ω
TRANSCONDUCTANCE	0.002 S
AMPLIFICATION FACTOR	3.5
MAXIMUM PLATE VOLTAGE	275 V

Core published characteristics promoted conservatively from the approved manual sheet.

The 345 is a triode described in the Cunningham Radio Tube Manual for detector, amplifier, oscillator, rectifier, or power-output service as applicable to the type.

SOURCE OPERATING CONDITIONS

193X Cunningham

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

193X CUNNINGHAM

Section 1 · Triode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	**2.5 V**	Published nominal
Heater/filament current	**1.5 A**	Published nominal
Transconductance	**2000 uS**	Published characteristic
Amplification factor	**3.5**	Published characteristic
Plate resistance	**1750 Ohm**	Published characteristic

Tube Tinker

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