



ELECTRONIC TUBE REFERENCE

C299

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Cunningham general-purpose detector and amplifier triode for early radio receivers, with published circuit recommendations and operating characteristics.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	3.3 V / 630 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	425 Ω
TRANSCONDUCTANCE	0.0155 S
AMPLIFICATION FACTOR	6.6
<i>Published ratings and characteristic constants promoted where applicable; operating recommendations retained as parameters.</i>	

C299: Cunningham general-purpose detector/amplifier triode. The complete bulletin was read for construction, ratings, circuit recommendations, and operating characteristics.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1931 Cunningham Radio Tubes

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

1931 CUNNINGHAM RADIO TUBES

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament/heater voltage	3.3 V	—
Filament/heater current	630 mA	—
Plate resistance	425 ohm	—
Transconductance	15500 uS	—
Amplification factor	6.6	—