ELECTRONIC TUBE REFERENCE

CX322

Voltage - Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TETRODE

Cunningham directly heated screen-grid tetrode for RF amplification and detector service. Its early screened construction improves receiver gain and stability.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	4
NOMINAL HEATER	3.3 V / 132 mA	**PARALLEL HEATER**	– / –
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Tetrode

PLATE RESISTANCE	15000 Ω
TRANSCONDUCTANCE	0.00035 S
AMPLIFICATION FACTOR	300

Published ratings and characteristic constants promoted where applicable; operating recommendations retained as parameters.

CX322: Cunningham screen-grid RF amplifier/detector. The complete bulletin was read for construction, ratings, circuit recommendations, and operating characteristics.

SOURCE OPERATING CONDITIONS

1931 Cunningham Radio Tubes

SOURCE PDF

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

1931 CUNNINGHAM RADIO TUBES

Section 1 · Tetrode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament/heater voltage	**3.3 V**	—
Filament/heater current	**132 mA**	—
Plate resistance	**15000 ohm**	—
Transconductance	**350 uS**	—
Amplification factor	**300**	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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