ELECTRONIC TUBE REFERENCE

CX380

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
RECTIFIER-RECTIFIER

Cunningham directly heated full-wave rectifier for radio power supplies. Rated for approximately 550 V peak inverse voltage and 135 mA DC output from a 5 V filament.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	5 V / 2 A	**PARALLEL HEATER**	_ / _
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Rectifier

PEAK INVERSE VOLTAGE	550 V
NOMINAL OUTPUT CURRENT	135 mA

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

SECTION2 Rectifier

PEAK INVERSE VOLTAGE	550 V
NOMINAL OUTPUT CURRENT	135 mA

Second physical rectifier section; electrical properties populated from applicable published ratings.

CX380: Cunningham power-supply rectifier tube. 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 · Rectifier

CHARACTERISTICS		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Filament/heater voltage	**5 V**	—
Filament/heater current	**2 A**	—

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Peak inverse/anode AC voltage	**550 V**	—
DC output current	**135 mA**	—
Plate AC voltage per plate	**550 V**	ChokeInputFilter
DC load current	**135 mA**	ChokeInputFilter
Minimum input choke	**20 H**	ChokeInputFilter

1931 CUNNINGHAM RADIO TUBES

Section 2 · Rectifier

CHARACTERISTICS		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Filament/heater voltage	**5 V**	—
Filament/heater current	**2 A**	—

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Peak inverse/anode AC voltage	**550 V**	—
DC output current	**135 mA**	—
Plate AC voltage per plate	**550 V**	ChokeInputFilter
DC load current	**135 mA**	ChokeInputFilter

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum input choke	**20 H**	ChokeInputFilter

Tube Tinker

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

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