ELECTRONIC TUBE REFERENCE

3828

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
RECTIFIER

Directly heated hot-cathode xenon-filled half-wave rectifier for high-voltage supplies. Its heavy filament, gas-assisted conduction, and substantial current capability suit industrial power systems.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	2.5 V / 5 A	**PARALLEL HEATER**	_ / _
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Rectifier

PEAK INVERSE VOLTAGE	10000 V
NOMINAL OUTPUT CURRENT	250 mA
PEAK FORWARD CURRENT	1 A

Hot-cathode xenon-filled rectifier with ratings up to 10 kV peak inverse voltage.

SOURCE OPERATING CONDITIONS

1971 English Electric Valve

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

1971 ENGLISH ELECTRIC VALVE

Section 1 · Rectifier

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Filament heating time	**10 s**	minimum

Tube Tinker

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