



ELECTRONIC TUBE REFERENCE

CV2858

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Rugged directly heated high-vacuum rectifier for aircraft and severe-service high-voltage equipment. Its multi-kilovolt capability and strengthened construction suit demanding professional systems.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	20000 V
NOMINAL OUTPUT CURRENT	60 mA
PEAK FORWARD CURRENT	300 mA

High-vacuum rectifier for rugged and aircraft service, rated to 20 kV peak inverse voltage. Explicit equivalent/service designation printed in approved source.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage option	2.5 V	—
Filament current	6 A	2.5 V option
Filament voltage option	5 V	—
Filament current	3 A	5.0 V option
Peak anode current	300 mA	—
Mean anode current	60 mA	—

TUBE TINKER

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and their source documents.

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