ELECTRONIC TUBE REFERENCE

A237

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
RECTIFIER

Compact directly heated high-vacuum half-wave rectifier for reliable very-high-voltage operation, providing approximately 65 kV inverse-voltage capability.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	4 V / 12 A	**PARALLEL HEATER**	_ / _
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Rectifier

MAXIMUM PLATE DISSIPATION	100 W
PEAK INVERSE VOLTAGE	65000 V
NOMINAL OUTPUT CURRENT	250 mA
PEAK FORWARD CURRENT	1.5 A

Compact high-vacuum rectifier designed for reliable high-voltage operation, with ratings up to 65 kV peak inverse voltage.

SOURCE OPERATING CONDITIONS

1971 English Electric Valve

SOURCE PDF

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**
NominalImpedance	**1000 Ohm**	At 350 mA

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
ForcedAirAnodeDissipation	**160 W**	ForcedAirCooling

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