



ELECTRONIC TUBE REFERENCE

ESU74

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

High-vacuum half-wave rectifier for very-high-voltage, relatively low-current supplies. Its heavy filament and roughly 40 kV inverse-voltage capability suit specialized industrial systems.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 11.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
MAXIMUM PLATE DISSIPATION	50 W
PEAK INVERSE VOLTAGE	40000 V
NOMINAL OUTPUT CURRENT	80 mA

High-vacuum half-wave rectifier.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Mazda

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

1960 MAZDA

Section 1 · Rectifier

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode dissipation	50 W	—

TUBE TINKER

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and their source documents.

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