



ELECTRONIC TUBE REFERENCE

GY86

Rectifier - TV Line Scan Boost electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Very-high-voltage television EHT rectifier for CRT supplies, designed to rectify horizontal flyback-derived pulses with approximately 27 kV inverse-voltage capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.6 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
MAXIMUM CATHODE CURRENT	0.5 mA
PEAK INVERSE VOLTAGE	27000 V
NOMINAL OUTPUT CURRENT	0.5 mA
PEAK FORWARD CURRENT	40 mA

Very-high-voltage rectifier diode for television receivers.

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
Absolute maximum peak inverse voltage	27000 V	—
Filter capacitance maximum	2000 pF	—