



ELECTRONIC TUBE REFERENCE

EY802

Rectifier - TV Line Scan Boost electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Low-heater-power television flyback/EHT rectifier for approximately 20 kV monochrome CRT supplies, converting horizontal-output pulses into the accelerating-voltage supply.

GENERAL CHARACTERISTICS

BASE DESIGNATION	9C12	BASE PINS	9
NOMINAL HEATER	6.3 V / 120 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	30000 V
NOMINAL OUTPUT CURRENT	0.5 mA
PEAK FORWARD CURRENT	50 mA

Extra-high-tension rectifier diode for 20 kV monochrome television CRT supplies. Indirectly heated Mazda/Belvu receiving tube; descriptive text translated to English from the French source.



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
Filter capacitance maximum	2000 pF	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 Mazda Belvu

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

1968 MAZDA BELVU

Section 1 · Rectifier

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
BEL"U Redresseur pour l'alimentation T.H.T. (	20 kV	—
Capacité d€ S0rbIE reeerenenmenennenentennnMnbnmnmnnn Cs	1.2 pF	—
périeure à 2	0 pF	—
00€f (A)PA Qsz 00c osi 001	0 s	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tension filament	6.3 V	—
Courant filament	120 mA	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
dans le système des limites absolues.....eesrees Va icr	30 kV	—
Courant de crête d'Anode+.....0... eerresmreceennensensenne Iacr	50 mA	—

TUBE TINKER

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