



ELECTRONIC TUBE REFERENCE

EY81F

Rectifier - Damper Diode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Special-quality EY81-family television damper diode intended for reliable horizontal line-output energy recovery, retaining high inverse-voltage capability for demanding professional service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 900 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	5000 V

Efficiency diode for television line-deflection recovery circuits. Indirectly heated Mazda/Belvu receiving tube; descriptive text translated to English from the French source.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
'Tension filament ccreassereseemencanmennnenennnnnsance Vvf	6.3 V	—
Capacité filament/ cathode "	2.5 pF	—
Tension d'anode à courant nul Vabl	550 V	—
Tension d'alimentation d'anode Van	250 V	—
Dissipation d'AnOd@ sseresemenmennensnnnnnnnnnnnn Pa	3.5 W	—
Courant d'AnOd©E errierererrenerenresensréneesseeerennaccnsce Ia	150 mA	—
Tension inverse de crête d'anode (1) s Va icr	5000 V	—
dans le système des limites absolues Va icr	5600 V	—
Tension de crête entre filament et cathode Vfker	5000 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
nsnsensan	900 mA	—
oivesssrcces	6.4 pF	—