



ELECTRONIC TUBE REFERENCE

34DK3

Rectifier - Damper Diode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Television horizontal-deflection damper rectifier with high inverse-voltage and peak-current capability for line-scan energy recovery in series-heater receivers.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	34.5 V / 450 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
MAXIMUM PLATE DISSIPATION	9 W
PEAK INVERSE VOLTAGE	6500 V
NOMINAL OUTPUT CURRENT	400 mA
PEAK FORWARD CURRENT	1.2 A
FORWARD VOLTAGE DROP	25 V
MAXIMUM HEATER-CATHODE VOLTAGE	6500 V
TV damper.	

Heater-cathode diode intended as the damping diode in television horizontal-deflection circuits.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Rectifier

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Steady-State Peak Plate Current	1200 mA	TVDamper

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tube Voltage Drop	25 V	I _b =800mA

TUBE TINKER

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