



ELECTRONIC TUBE REFERENCE

25U4GT

Rectifier - Damper Diode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

High-current television damper rectifier for horizontal-deflection circuits, using a 25 V heater and providing energy-recovery service in series-heater receivers.

GENERAL CHARACTERISTICS

BASE DESIGNATION	4GG	BASE PINS	8
NOMINAL HEATER	25 V / 300 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	3850 V
NOMINAL OUTPUT CURRENT	125 mA
PEAK FORWARD CURRENT	600 mA
FORWARD VOLTAGE DROP	21 V
<i>Published source values promoted where applicable.</i>	

Television damper diode; description derived from the supplied registration datasheet.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X General Electric Essential Characteristics

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

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	25 V	Published heater/filament rating
Heater/filament current	300 mA	Published heater/filament rating
Tube voltage drop	21 V	At 250 mA DC

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC output current	125 mA	TVDamperService
Peak inverse voltage	1250 V	TVDamperService
RMS supply voltage	350 V	TVDamperService
Peak current	600 mA	TVDamperService
TV damper peak inverse voltage	3850 V	TVDamperService
TV damper peak current	600 mA	TVDamperService

TUBE TINKER

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and their source documents.

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