



ELECTRONIC TUBE REFERENCE

34CD3

Rectifier - Damper Diode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Television damper rectifier intended for horizontal-deflection energy recovery, using a high-voltage diode structure suited to repetitive line-scan pulse conditions.

GENERAL CHARACTERISTICS

BASE DESIGNATION	12-pin Compactron	BASE PINS	12
NOMINAL HEATER	34.5 V / 450 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
MAXIMUM PLATE DISSIPATION	12 W
PEAK INVERSE VOLTAGE	6000 V
NOMINAL OUTPUT CURRENT	350 mA
PEAK FORWARD CURRENT	1.5 A
<i>Published promoted fields populated by semantic section ownership.</i>	

High-voltage damper diode in Compactron construction for television service. It uses a nominal 34.5 V, 0.45 A heater. The supplied datasheet was used for ratings, characteristics, and typical operating data.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

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

1961 TUNG SOL

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Inverse Plate Voltage	6000 V	DamperService
DC Output Current	350 mA	DamperService



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1966 Tung Sol Electronic Tubes 3 of 4

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

1966 TUNG SOL ELECTRONIC TUBES 3 OF 4

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaxPlateDissipation	12 W	Published datasheet value
RectifierMaximumPeakInverseVoltage	6000 V	Published datasheet value
RectifierNominalOutputCurrent	350 mA	Published datasheet value
RectifierPeakForwardCurrent	1.5 A	Published datasheet value
Heater Voltage	34.5 V	Nominal heater rating
Heater Current	450 mA	Nominal heater rating

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
InterelectrodeCapacitanceDataPublished	1 boolean	See supplied datasheet capacitance table