



ELECTRONIC TUBE REFERENCE

35CD6GA

Power - TV Horizontal Output (sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
BEAMPOWER

Beam-power pentode designed as the horizontal-deflection amplifier in series-heater television receivers, with approximately 20 W plate dissipation and a 35 V heater.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8-pin octal	BASE PINS	8
NOMINAL HEATER	35 V / 450 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
PLATE RESISTANCE	7200 Ω
TRANSCONDUCTANCE	0.006 S
MAXIMUM PLATE VOLTAGE	700 V
MAXIMUM SCREEN VOLTAGE	175 V
MAXIMUM PLATE DISSIPATION	20 W
MAXIMUM SCREEN DISSIPATION	3 W
<i>Published promoted fields populated by semantic section ownership.</i>	

Beam pentode designed as a horizontal-deflection amplifier in series-heater television receivers. It uses a nominal 35 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 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Positive Pulse Plate Voltage	6600 V	HorizontalDeflection



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 · Beam Power

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Resistance	7200 ohm	Published datasheet value
Transconductance	7700 μS	Published datasheet value
InterelectrodeCapacitanceDataPublished	1 boolean	See supplied datasheet capacitance table

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaxPlateVoltage	700 V	Published datasheet value
MaxScreenVoltage	175 V	Published datasheet value
MaxPlateDissipation	20 W	Published datasheet value
MaxScreenDissipation	3 W	Published datasheet value

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	35 V	Nominal heater rating
Heater Current	450 mA	Nominal heater rating