



ELECTRONIC TUBE REFERENCE

35GL6

Power - Beam Single (NOT sweep) (under 10W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
BEAMPOWER

Beam pentode designed for audio-frequency power output in series-heater equipment, with a tapped heater connection provided for operation of a panel lamp.

GENERAL CHARACTERISTICS

BASE DESIGNATION	7-pin miniature	BASE PINS	7
NOMINAL HEATER	35 V / 150 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
PLATE RESISTANCE	12000 Ω
TRANSCONDUCTANCE	0.0075 S
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	130 V
MAXIMUM PLATE DISSIPATION	5.5 W
MAXIMUM SCREEN DISSIPATION	1.1 W
Class-A.	

Beam pentode for audio-frequency power output with tapped heater for a panel lamp. It uses a nominal 35 V, 0.15 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
Plate Voltage	110 V	Typical
Screen Voltage	110 V	Typical
Power Output	1.8 W	MaximumSignal



SOURCE OPERATING CONDITIONS

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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	12000 ohm	Published datasheet value
InterelectrodeCapacitanceDataPublished	1 boolean	See supplied datasheet capacitance table

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaxPlateVoltage	150 V	Published datasheet value
MaxScreenVoltage	130 V	Published datasheet value
MaxPlateDissipation	5.5 W	Published datasheet value
MaxScreenDissipation	1.1 W	Published datasheet value

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	35 V	Nominal heater rating
Heater Current	150 mA	Nominal heater rating



SOURCE DATA APPENDIX

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 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	110 V	ClassA
Screen Voltage	110 V	ClassA
Plate Current	45 mA	ClassA
Maximum-Signal Power Output	1.8 W	ClassA

TUBE TINKER

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