

ELECTRONIC TUBE REFERENCE

25E5

Power - TV Horizontal Output (sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
BEAMPOWER

Indirectly heated high-current output pentode designed specifically for television line-output service.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Beam Power	
TRANSCONDUCTANCE	0.011 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	10 W
MAXIMUM SCREEN DISSIPATION	5 W
MAXIMUM CATHODE CURRENT	200 mA
Published Ferranti ratings and characteristics promoted from the supplied source.	

Indirectly heated high-current output pentode for television line-output service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Ferranti Technical Handbook

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

1961 FERRANTI TECHNICAL HANDBOOK

Section 1 · Beam Power

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	25 V	—
HeaterOrFilamentCurrent	300 mA	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
PeakPositiveAnodeVoltage	7000 V	LineOutput
PeakNegativeAnodeVoltage	1500 V	LineOutput

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

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