

ELECTRONIC TUBE REFERENCE

E1F

Voltage - Pentode High Frequency (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

Pentode designed for RF amplification to approximately 430 MHz. Philips documentation provides heater data, electrical characteristics, ratings, and section-specific information for high-frequency signal-amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
PLATE RESISTANCE	1500000 Ω
TRANSCONDUCTANCE	0.0014 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	100 V
MAXIMUM PLATE DISSIPATION	0.8 W
MAXIMUM SCREEN DISSIPATION	0.15 W
MAXIMUM CATHODE CURRENT	5 mA
Published section data promoted where applicable.	

Pentode intended for RF amplification up to about 430 Mc/s. The record captures the published heater data, principal electrical characteristics, ratings, and other section-specific values from the supplied datasheet.

TUBE TINKER

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