

ELECTRONIC TUBE REFERENCE

8ET7

Voltage - Pentode or Tetrode (with diode) electronic tube

CONSOLIDATED TECHNICAL DATA
3 SECTIONS
CONSTRUCTION
DIODE-DIODE-PENTODE

Series-heater diode-pentode for television IF amplification and video detection, integrating a high-transconductance pentode with a separate detector diode.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	8 V / 450 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Diode	
MAXIMUM HEATER-CATHODE VOLTAGE	200 V
WARM-UP TIME	11 s
Published promoted fields populated semantically; identical repeated sections compressed.	

SECTION2 Pentode	
TRANSCONDUCTANCE	0.009 S
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM HEATER-CATHODE VOLTAGE	200 V
WARM-UP TIME	11 s
Published promoted fields populated semantically; identical repeated sections compressed.	

SECTION3 Diode

No fixed ratings recorded.

Physical diode section added during approved section-structure reconciliation.

Dual-diode sharp-cutoff pentode for combined video amplification and horizontal phase detection in television receivers. The supplied Tung-Sol datasheet was used for construction, heater, ratings, characteristics, and intended-service information.

TUBE TINKER

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

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