



ELECTRONIC TUBE REFERENCE

8334

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Ruggedized high-reliability receiving triode manufactured and tested to military requirements for severe vibration, shock, altitude, and acceleration.

GENERAL CHARACTERISTICS

BASE DESIGNATION	E7-1	BASE PINS	7
NOMINAL HEATER	6.3 V / 225 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	5116.279069767443 Ω
TRANSCONDUCTANCE	0.01075 S
AMPLIFICATION FACTOR	55
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	4.4 W
<i>Published source values promoted where applicable.</i>	

Ruggedized high-reliability receiving triode manufactured and tested to MIL-E-1 requirements for severe vibration, shock, altitude, and acceleration.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1965 Sylvania Electronic Tubes Vol3

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

1965 SYLVANIA ELECTRONIC TUBES VOL3

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification factor	55	Average published amplification factor
Transconductance	10750 μ S	Average published transconductance
Heater current	225 mA	Published heater current
Heater voltage	6.3 V	Heater voltage 6.3 Volts
a Maximum Heater-Cathode voltage	100 V	a Maximum Heater-Cathode voltage 100 Volts

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate dissipation	4.4 W	Published maximum plate dissipation
Maximum plate/anode voltage	330 V	Published maximum plate/anode voltage
Plate Dissipation	4.4 W	Plate Dissipation 4.4 Watts