



ELECTRONIC TUBE REFERENCE

TEBC3

Voltage - Triode (with diode, heptode or hexode) electronic tube

CONSOLIDATED TECHNICAL
DATA

3 SECTIONS

CONSTRUCTION

DIODE-DIODE-TRIODE

Double-diode medium-mu triode combining detector and control-voltage rectification with voltage amplification. Paired diodes provide complementary detector functions while the triode supplies useful current drive and gain.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Diode	
MAXIMUM PLATE VOLTAGE	250 V
<i>Published ratings and characteristics promoted where clearly stated; repeated identical sections compressed where applicable.</i>	

SECTION2 Diode	
MAXIMUM PLATE VOLTAGE	250 V
<i>Physical diode section added during approved section-structure reconciliation.</i>	

SECTION3 Triode	
PLATE RESISTANCE	15000 Ω
TRANSCONDUCTANCE	0.002 S
AMPLIFICATION FACTOR	30
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	1.5 W
<i>Published ratings and characteristics promoted where clearly stated; repeated identical sections compressed where applicable.</i>	

Automotive double-diode triode combining two detector diodes and one triode section for radio receiver service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Tunsgram

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

195X TUNSGRAM

Section 1 · Diode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	6.3 V	Published nominal value
Heater or filament current	200 mA	Published nominal value
Transconductance	2000 μ S	Published operating characteristic

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate dissipation	1.5 W	Published maximum rating

195X TUNSGRAM

Section 3 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	6.3 V	Published nominal value
Heater or filament current	200 mA	Published nominal value
Transconductance	2000 μ S	Published operating characteristic

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate dissipation	1.5 W	Published maximum rating

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