



ELECTRONIC TUBE REFERENCE

DDT

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

CONSOLIDATED TECHNICAL
DATA

3 SECTIONS

CONSTRUCTION

DIODE-DIODE-TRIODE

Cossor double-diode triode combining receiver detection and voltage amplification. The two diodes provide rectifying detector functions while the triode amplifies the recovered signal, integrating common receiver detector-stage functions within one valve.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	4 V / 1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Diode

No fixed ratings recorded.

Published ratings/characteristics promoted from the approved datasheet.

SECTION2 Diode

No fixed ratings recorded.

Published ratings/characteristics promoted from the approved datasheet.

SECTION3 Triode	
PLATE RESISTANCE	17000 Ω
AMPLIFICATION FACTOR	41
MAXIMUM PLATE VOLTAGE	200 V
<i>Published ratings/characteristics promoted from the approved datasheet.</i>	

DDT: Cossor combined double-diode triode. The complete Cossor sheet was read for construction, technical data, operating recommendations, and application notes.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1936 Cossor Valve Manual

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

1936 COSSOR VALVE MANUAL

Section 3 · Triode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification factor	41	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

193X Cossor

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

193X COSSOR

Section 1 · Diode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament/Heater Voltage	4 V	Published technical-data value
Filament/Heater Current	1 A	Published technical-data value
Maximum Anode Voltage	200 V	Published technical-data value

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification Factor	41	Published technical-data value

TUBE TINKER

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

