



ELECTRONIC TUBE REFERENCE

DDT16

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

CONSOLIDATED TECHNICAL
DATA

3 SECTIONS

CONSTRUCTION

DIODE-DIODE-TRIODE

Cossor double-diode high-mu triode combining receiver detection with substantial voltage amplification. Two diode elements provide signal and control-voltage rectification while the high-gain triode amplifies the recovered signal.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	16 V / 250 mA	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	100000 Ω
TRANSCONDUCTANCE	0.001 S
AMPLIFICATION FACTOR	100
<i>Published ratings/characteristics promoted from the approved datasheet.</i>	

DDT16: 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
Heater/filament voltage	16 V	—
Heater/filament current	250 mA	—



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

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Mutual Conductance	100000 μ S	Published technical-data value
Amplification Factor	100	Published technical-data value

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and their source documents.

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