



ELECTRONIC TUBE REFERENCE

DDPEN

Voltage Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA

3 SECTIONS

CONSTRUCTION

DIODE-DIODE-PENTODE

Detector-pentode receiving valve combining pentode amplification with diode detection for compact radio receiver signal processing and control-voltage generation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	— / 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 Pentode

MAXIMUM PLATE VOLTAGE	250 V
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Published ratings/characteristics promoted from the approved datasheet.

DDPEN: Cossor combined double-diode pentode. 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 · Pentode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Control characteristic	Variable- μ	—



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 Current	1 A	Published technical-data value
Maximum Anode Voltage	250 V	Published technical-data value