



ELECTRONIC TUBE REFERENCE

210PG

Voltage - Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

HEPTODE

Cossor battery heptode frequency changer for superheterodyne receivers. Its multi-grid construction combines oscillator and mixer functions while operating from modest battery-receiver supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2 V / 100 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Heptode	
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	80 V
<i>Cossor 210 P.G. directly heated battery variable-mu pentagrid (heptode) frequency changer with 2.0 V 0.1 A filament. Includes internally coupled local oscillator and mixer for superheterodyne receivers and supports automatic volume control. Manufacturer maxima modulator-anode 150 V, modulator-screen 80 V and oscillator anode 150 V, the latter held as an existing parameter. Chart operating conditions $V_a =$ oscillator $V_a = 120$ V and screen 60 V. Conversion conductance cannot be substituted for intrinsic transconductance. One physical heptode section.</i>	

Cossor 210PG heptode for receiver/amplifier service as specified in the supplied catalogue datasheet.



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 · Heptode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Oscillator anode maximum voltage	150 V	Published datasheet value

TUBE TINKER

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

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker