



ELECTRONIC TUBE REFERENCE

41MPG

Voltage - Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

HEPTODE

Cossor heptode frequency changer for superheterodyne radio receivers. Its multi-grid construction combines local-oscillator and mixer functions, converting incoming RF signals to the receiver intermediate frequency in a single valve.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Heptode	
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	100 V
<i>Cossor 41 M.P.G. indirectly heated 4 V 1 A variable-mu pentagrid (heptode) frequency changer for superheterodyne receivers, with integral local oscillator and mixer. Published maximum modulator-anode voltage 250 V, modulator-screen voltage 100 V, and oscillator-anode voltage 100 V. Recommended modulator-grid bias is negative and varies with gain-control setting. Oscillator coupling is internal, reducing harmonic-related whistles. Mixer conversion conductance is an application-dependent characteristic and must not be substituted for intrinsic transconductance. Manufacturer 1936 technical data and characteristic curves.</i>	

Cossor 41MPG heptode for receiver/amplifier service as specified in the supplied catalogue datasheet.

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