



ELECTRONIC TUBE REFERENCE

MXN40

Voltage - Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

HEPTODE

Heptode frequency changer for early superheterodyne receivers, closely associated with Osram converter practice. Its multi-grid electrode structure performs oscillator-mixer frequency conversion from conventional contemporary receiver supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
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>Published ratings and characteristics promoted from the approved datasheet.</i>	

The OSRAM MX40 is a multi-electrode type valve designed to perform as a frequency changer in superheterodyne receivers, Type MX40 contains five electrodes in addition to the normal cathode and anode, the function of these electrodes being as follows: G, (in proximity to cathode) Oscillator Grid. Gy Oscillator Anode. G Screen Grid. Maximum Dimensions : G4 Control Grid with "Variable Mu"

SOURCE OPERATING CONDITIONS

193X Osram

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

193X OSRAM

Section 1 · Heptode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/Filament Voltage	4 V	Published datasheet value
Heater/Filament Current	1 A	Published datasheet value
Maximum Anode Voltage	250 V	Published datasheet value
Maximum Screen Voltage	100 V	Published datasheet value

TUBE TINKER

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