ELECTRONIC TUBE REFERENCE

FC13C

Voltage - Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
OCTODE

Radio receiver frequency changer combining oscillator and mixer functions for superheterodyne conversion. Its multi-grid construction translates incoming RF signals to the intermediate frequency within the receiver front end.

General characteristics

BASE DESIGNATION	British7Pin	**BASE PINS**	7
NOMINAL HEATER	13 V / 200 mA	**PARALLEL HEATER**	— / —
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Octode	
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM SCREEN VOLTAGE	90 V
Octode frequency changer; published characteristics and limiting values.	

Octode frequency changer for AC/DC mains superheterodyne receivers.

SOURCE OPERATING CONDITIONS

SOURCE PDF

1958 Mullard Receiving Tubes

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

1958 MULLARD RECEIVING TUBES

Section 1 · Octode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	**200 V**	—
Oscillator-anode voltage	**90 V**	—
Screen-grid voltage	**70 V**	—
Plate current	**1.6 mA**	—
Conversion conductance	**600 uS**	—

Tube Tinker

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

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