



ELECTRONIC TUBE REFERENCE

CCH35

Voltage - Triode (with diode, heptode or hexode) electronic tube

CONSOLIDATED TECHNICAL
DATA

2 SECTIONS
CONSTRUCTION
HEXODE-TRIODE

Triode-hexode frequency changer with a variable-mu mixer section suited to automatic gain-control operation. The triode supplies local oscillation while the hexode performs controlled frequency conversion.

GENERAL CHARACTERISTICS

BASE DESIGNATION	Octal	BASE PINS	8
NOMINAL HEATER	7 V / 200 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.0028 S
AMPLIFICATION FACTOR	24
MAXIMUM PLATE VOLTAGE	100 V
MAXIMUM PLATE DISSIPATION	1.5 W
<i>Oscillator triode section; operating data cross-referenced to ECH35.</i>	

SECTION2 Hexode	
PLATE RESISTANCE	1300000 Ω
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	125 V
MAXIMUM PLATE DISSIPATION	1.2 W
MAXIMUM SCREEN DISSIPATION	0.6 W
MAXIMUM CATHODE CURRENT	15 mA
<i>Variable-mu hexode mixer section; SectionType vocabulary has no Hexode.</i>	

Triode-hexode frequency changer; the hexode section is intended for automatic-gain-control operation. The page refers electrical characteristics to ECH35.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Mullard

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

1963 MULLARD

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	7 V	—
Heater current	200 mA	—
Electrical equivalence reference	ECH35	Triode section; except heater

1963 MULLARD

Section 2 · Hexode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Electrical equivalence reference	ECH35	Hexode section; except heater

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1967 Mullard Receiving Tubes for Maintenance

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

1967 MULLARD RECEIVING TUBES FOR MAINTENANCE

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Reference Type	ECH35	CharacteristicsCurvesAndOperatingConditions

Section 2 · Hexode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Reference Type	ECH35	CharacteristicsCurvesAndOperatingConditions
AGC Suitability	1 boolean	HexodeSection