



ELECTRONIC TUBE REFERENCE

ECC32

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Medium-mu double triode with separate cathodes for paraphase audio amplification, phase inversion, and multivibrator circuits, with relatively high cathode-current capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 950 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	14000 Ω
TRANSCONDUCTANCE	0.003 S
AMPLIFICATION FACTOR	32
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	5 W
MAXIMUM CATHODE CURRENT	50 mA
Two similar triode sections; represented once under identical-section compression.	

SECTION2 Triode	
PLATE RESISTANCE	14000 Ω
TRANSCONDUCTANCE	0.003 S
AMPLIFICATION FACTOR	32
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	5 W
MAXIMUM CATHODE CURRENT	50 mA
<i>Second physical triode section; added to align rows with SectionCount.</i>	

Double triode with separate cathodes for paraphase audio amplifiers, phase inverters, and multivibrator circuits.

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

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	250 V	—
Grid voltage	-6 V	—
Plate current	3 mA	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage maximum	300 V	—
Plate dissipation maximum	5 W	—
Cathode current maximum	50 mA	—

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Paraphase AF amplifier / phase inverter / multivibrator	—

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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
la	6 mA	Published in approved ECC32.pdf target datasheet; Section1
gm	2.3 mA	Published in approved ECC32.pdf target datasheet; Section1

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Ik max	50 mA	Published in approved ECC32.pdf target datasheet; Section1

TUBE TINKER

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