

ELECTRONIC TUBE REFERENCE

ECC31

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Medium-mu double triode with a common cathode, providing two similar sections for general voltage amplification and related receiving-equipment applications.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	14000 Ω
TRANSCONDUCTANCE	0.0023 S
AMPLIFICATION FACTOR	32
Published Mullard ratings and characteristics promoted from the supplied source.	

SECTION2 Triode	
PLATE RESISTANCE	14000 Ω
TRANSCONDUCTANCE	0.0023 S
AMPLIFICATION FACTOR	32
Second physical triode section; added to align rows with SectionCount.	

Double triode with common cathode; source publishes identical characteristics for each section.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1951 Mullard Valve and Service Manual

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

1951 MULLARD VALVE AND SERVICE MANUAL

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	950 mA	—