



ELECTRONIC TUBE REFERENCE

ECC865_RFT

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

RFT long-life twin triode intended for industrial and professional voltage-amplifier service, emphasizing extended operating life in equipment requiring dependable small-signal amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 435 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	3600 Ω
TRANSCONDUCTANCE	0.012 S
AMPLIFICATION FACTOR	58
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	2.3 W
MAXIMUM CATHODE CURRENT	15 mA
<i>Representative section for two electrically similar triodes.</i>	

SECTION2 Triode	
PLATE RESISTANCE	3600 Ω
TRANSCONDUCTANCE	0.012 S
AMPLIFICATION FACTOR	58
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	2.3 W
MAXIMUM CATHODE CURRENT	15 mA
<i>Second physical triode restored.</i>	

Long-life twin triode for industrial and professional voltage-amplifier service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.3 V	Nominal
HeaterCurrentNominal	435 mA	Nominal
Maximum Plate Voltage	250 V	—
Maximum Plate Dissipation	2.3 W	—
Maximum Cathode Current	42 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	12000 μ S	Typical
Amplification Factor	58	Typical
Plate Resistance	3600 ohm	Typical

TUBE TINKER

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and their source documents.

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