

ELECTRONIC TUBE REFERENCE

EC1030

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Reliable subminiature UHF triode with interface-free cathode for high-frequency amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 128 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.015 S
AMPLIFICATION FACTOR	65
MAXIMUM PLATE VOLTAGE	175 V
MAXIMUM PLATE DISSIPATION	1.2 W
MAXIMUM CATHODE CURRENT	30 mA
Published Telefunken ratings and characteristics promoted from the supplied source. Telefunken EC1030 is an indirectly heated subminiature UHF triode with an interface-free oxide cathode. Nominal heater supply is 6.3 V at 128 mA. Published characteristic values include transconductance of 15 mA/V and amplification factor of 65. Maximum continuous anode voltage is 175 V, anode dissipation 1.2 W, and cathode current 30 mA. The manufacturer also documents interelectrode capacitances and special high-frequency construction.	

Subminiature UHF triode with interface-free cathode for reliable amplifier service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1959 Telefunken

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

1959 TELEFUNKEN

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	180 mA	—

TUBE TINKER

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