

ELECTRONIC TUBE REFERENCE

6169

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Triode documented for specialized electronic service. Available source material does not establish a narrower function confidently.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8EE	BASE PINS	8
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	8500 Ω
TRANSCONDUCTANCE	0.0065 S
AMPLIFICATION FACTOR	55
MAXIMUM PLATE VOLTAGE	180 V
MAXIMUM PLATE DISSIPATION	3 W
MAXIMUM CATHODE CURRENT	15 mA
Promoted ratings/characteristics read from the approved National Union datasheet.	

National Union 6169 triode vacuum tube described in the approved datasheet for its stated amplifier, rectifier, indicator, or specialized electronic service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X General Electric Essential Characteristics

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

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Triode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input capacitance	2.5 pF	—
Output capacitance	2.6 pF	—
Grid-to-plate capacitance	1 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	180 V	ClassA
Grid voltage	-1 V	ClassA
Plate current	11.5 mA	ClassA

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	8500 ohm	—
Transconductance	6500 uS	—
Amplification factor	55	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

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