



ELECTRONIC TUBE REFERENCE

6C19PI

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Low-mu high-current power triode intended for electronic voltage-regulator series-pass service. Its low plate resistance and substantial cathode-current capability make it suited to controlling regulated DC supplies rather than conventional voltage amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.0075 S
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	11 W
MAXIMUM CATHODE CURRENT	140 mA
<i>Published ratings and characteristics promoted from the approved source.</i>	

High-current indirectly heated triode for regulator and low-frequency power applications.



SOURCE OPERATING CONDITIONS

2026 Sovtek

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

2026 SOVTEK

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	6000–9000 μS	—
LifetimeMinimum	2500 h	—

TUBE TINKER

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and their source documents.

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