



ELECTRONIC TUBE REFERENCE

6C45PIE

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Miniature high-frequency high-transconductance triode designed for broadband voltage amplification, combining strong gain with wide frequency response.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 440 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.045 S
AMPLIFICATION FACTOR	52
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	7.8 W
MAXIMUM CATHODE CURRENT	65 mA
Published ratings and characteristics promoted from the approved source.	

Miniature high-frequency high-transconductance triode for broadband voltage amplification.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Sovtek

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

2026 SOVTEK

Section 1 · Triode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
BandwidthApplication	Broadband text	—

TUBE TINKER

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and their source documents.

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