



ELECTRONIC TUBE REFERENCE

8412

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Air-cooled ceramic disc-seal metal-ceramic triode for oscillators, frequency multipliers, and amplifiers to approximately 7 GHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6 V / 800 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.016 S
AMPLIFICATION FACTOR	60
MAXIMUM PLATE VOLTAGE	600 V
MAXIMUM PLATE DISSIPATION	30 W
MAXIMUM GRID DISSIPATION	0.2 W
MAXIMUM CATHODE CURRENT	75 mA

Air-cooled ceramic disc-seal triode of metal-ceramic design for oscillators, frequency multipliers and amplifiers to about 7 GHz.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Siemens

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

1963 SIEMENS

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6 V	—
Heater current	800 mA	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	16000 μS	Nominal/Bogey
Amplification factor	60	Nominal/Bogey