

ELECTRONIC TUBE REFERENCE

6771

Power - Triode Single (under 10W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Ceramic-metal high-mu planar triode for radio-frequency service to approximately 4 GHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 575 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.023 S
AMPLIFICATION FACTOR	90
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	6.25 W
MAXIMUM CATHODE CURRENT	25 mA

Ceramic-metal high-mu planar triode for RF service to 4 GHz.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-to-plate capacitance	2.03 pF	—
Grid-to-cathode capacitance	4.05 pF	—
Plate-to-cathode capacitance	0.018 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Class C plate voltage	275 V	ClassC



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 Machlette Laboratories

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

1971 MACHLETTE LABORATORIES

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency for Maximum Ratings	4000 MHz	—