



ELECTRONIC TUBE REFERENCE

F2A

Power - Tetrode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

Indirectly heated power tetrode designed for output amplifiers, with published tetrode- and triode-connected operating and capacitance data. Suitable for substantial low-frequency power service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
PLATE RESISTANCE	2500 Ω
MAXIMUM PLATE VOLTAGE	425 V
MAXIMUM SCREEN VOLTAGE	425 V
MAXIMUM PLATE DISSIPATION	30 W
MAXIMUM SCREEN DISSIPATION	5 W
MAXIMUM CATHODE CURRENT	140 mA

Indirectly heated power tetrode for output amplifiers, with published tetrode- and triode-connected capacitance and operating data.

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 · Tetrode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input capacitance	20.5 pF	TetrodeConnection
Output capacitance	13 pF	TetrodeConnection
Grid-to-plate capacitance	0.45 pF	TetrodeConnection

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Triode-connected plate resistance	1 k0hm	TriodeConnection