



ELECTRONIC TUBE REFERENCE

FU811

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Chinese directly heated high-mu transmitting triode for RF oscillation and power amplification. With about 1.25 kV plate capability and 40 W dissipation, it provides high gain in comparatively simple RF power stages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 4 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
AMPLIFICATION FACTOR	160
MAXIMUM PLATE VOLTAGE	1250 V
MAXIMUM PLATE DISSIPATION	40 W
<i>Published limits promoted from translated source.</i>	

Directly heated power triode for oscillation and RF power amplification.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

198X Shuguang

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

198X SHUGUANG

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.3 V	Nominal
HeaterCurrentNominal	4 A	Nominal
Maximum Plate Voltage	1250 V	—
Maximum Plate Dissipation	40 W	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker