



ELECTRONIC TUBE REFERENCE

830

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Transmitting power triode for AF/RF power amplification, modulation, and oscillator service, with 60-watt maximum plate dissipation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	10 V / 2 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
MAXIMUM PLATE VOLTAGE	1000 V
MAXIMUM PLATE DISSIPATION	60 W
Maximum ratings and characteristic constants promoted where reliably published in the approved sheet.	

United Electronics type 830: Modulator, A-F/R-F power amplifier and oscillator. The datasheet provides general ratings, maximum ratings, installation guidance, and representative operating conditions for continuous service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1945 United Electronics

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

1945 UNITED ELECTRONICS

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	10 V	—
Filament current	2 A	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum direct plate voltage	1000 V	—
Maximum plate dissipation	60 W	—