



ELECTRONIC TUBE REFERENCE

HFI487

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Rugged high-power industrial triode for radio-frequency power service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	7.5 V / —	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
MAXIMUM PLATE VOLTAGE	6000 V
MAXIMUM PLATE DISSIPATION	2000 W
<i>Published ratings and characteristics promoted from the supplied CSF source where explicitly available. CSF HFI487 directly heated thoriated-tungsten industrial RF power triode with natural convection/radiative anode cooling. Continuous anode voltage limit 6000 V at the lower operating-frequency range, reduced to 5000 V at higher frequencies. Maximum continuous anode dissipation 2000 W; 3000 W is permitted only in specified intermittent service with duty-cycle constraints. Vertical mounting required.</i>	

High-power industrial triode of simple rugged construction for RF power service.

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