ELECTRONIC TUBE REFERENCE

Q1601

Power - Tetrode (NOT beam) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

> Transmitting power tetrode designed for RF amplification, linear/SSB service, oscillation, modulation, broadcasting, or frequency multiplication.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	5 V / 6.5 A	**PARALLEL HEATER**	– / –
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Tetrode

MAXIMUM PLATE VOLTAGE	3000 V
MAXIMUM SCREEN VOLTAGE	600 V
MAXIMUM PLATE DISSIPATION	160 W
MAXIMUM SCREEN DISSIPATION	20 W
MAXIMUM GRID DISSIPATION	5 W
MAXIMUM CATHODE CURRENT	250 mA

Published ratings and characteristics promoted where reliably recoverable from the approved sheet.

> Directly heated radiation-cooled transmitting tetrode for RF, AF and modulator service.

SOURCE OPERATING CONDITIONS

1969 Brown Boveri

SOURCE PDF

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

1969 BROWN BOVERI

Section 1 · Tetrode

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Maximum Frequency	**220 MHz**	—
RF/Output Power	**400 W**	Quick Reference, stated operating class where applicable
Maximum Anode Current	**250 mA**	—