

ELECTRONIC TUBE REFERENCE

Y676A

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

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TETRODE

High-voltage pulse tetrode designed for pulse-modulator and pulse-regulator service, providing controlled high-voltage switching and regulation in demanding pulsed-power equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	15.5 V / 215 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
AMPLIFICATION FACTOR	4.5
MAXIMUM PLATE VOLTAGE	75000 V
MAXIMUM PLATE DISSIPATION	100000 W
MAXIMUM SCREEN DISSIPATION	1750 W
MAXIMUM GRID DISSIPATION	500 W
MAXIMUM CATHODE CURRENT	150 A
Promoted from printed general-characteristics and absolute-maximum-ratings blocks.	

The EIMAC Y676A is a high-voltage pulse tetrode for pulse-modulator or pulse-regulator service.



SOURCE OPERATING CONDITIONS

1962 Eimac

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

1962 EIMAC

Section 1 · Tetrode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification factor	4.5	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum DC plate voltage	75000 V	—
Maximum plate dissipation	100000 W	—
Maximum screen dissipation	1750 W	—
Maximum grid dissipation	500 W	—
Maximum cathode/plate current	150 A	—

TUBE TINKER

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and their source documents.

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