

ELECTRONIC TUBE REFERENCE

2A3EH

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Modern directly heated 2A3-family audio power triode for Class A output service. Published operation around 250 V provides roughly 3 W single-ended output, retaining the low-mu behavior and modest plate resistance characteristic of the 2A3 family.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 2.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.0038 S
AMPLIFICATION FACTOR	4.1
MAXIMUM PLATE VOLTAGE	360 V
MAXIMUM PLATE DISSIPATION	17.5 W
MAXIMUM CATHODE CURRENT	100 mA
Published ratings and characteristics promoted from the approved source.	

Directly heated power triode for low-frequency power amplification.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Electro Harmonix Gold

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

2026 ELECTRO HARMONIX GOLD

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Current	40–80 mA	Plate 250 V; Grid -44 V
Power Output	3 W	Plate 250 V; Load 2.5 kohm; ClassA;OneTube
Negative Grid Voltage Maximum	150 V	—