



ELECTRONIC TUBE REFERENCE

3Q292E

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Double-ended water-cooled power triode for very-high-power transmitting service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	25 V / 248 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
AMPLIFICATION FACTOR	36
MAXIMUM PLATE VOLTAGE	17500 V
MAXIMUM PLATE DISSIPATION	80000 W
MAXIMUM GRID DISSIPATION	1500 W
Values transcribed from the approved datasheet; additional published data retained as parameters.	

Double-ended water-cooled power triode.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid to anode	61 pF	Published direct interelectrode capacitance
Grid to filament	45 pF	Published direct interelectrode capacitance
Anode to filament	15 pF	Published direct interelectrode capacitance
Heater/filament nominal current	248 A	Nominal published value



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Standard Valves

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

1947 STANDARD VALVES

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
GridToAnodeCapacitance	61 pF	—
Grid To Filament Capacitance	45 pF	—
AnodeToFilamentCapacitance	15 pF	—
PeakEmission	45 A	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker