



ELECTRONIC TUBE REFERENCE

719A

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

DIODE

Air-cooled special-purpose heater-cathode diode rated for 25 kV peak inverse voltage and 10 A peak current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	7 V / 7 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Diode	
MAXIMUM PLATE DISSIPATION	75 W
PEAK INVERSE VOLTAGE	25000 V
NOMINAL OUTPUT CURRENT	500 mA
PEAK FORWARD CURRENT	10 A
<i>Special-purpose diode row extracted from the Western Electric summary table.</i>	

The 719A is an air-cooled, heater-cathode special-purpose diode rated for 25 kV peak inverse anode voltage, 10 A peak anode current, 0.5 A average anode current, and 75 W anode dissipation.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1956 Western Electric Tubes

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

1956 WESTERN ELECTRIC TUBES

Section 1 · Diode

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cooling method	Air	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak inverse anode voltage	25000 V	—
Peak anode current	10 A	—
Average anode current	500 mA	—
Anode dissipation	75 W	—

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode-cathode capacitance	7.2 pF	—

TUBE TINKER

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and their source documents.

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