



ELECTRONIC TUBE REFERENCE

704A

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

DIODE

Western Electric special-purpose heater-cathode diode with a 1500-volt peak-inverse rating for specialized rectification service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	3
NOMINAL HEATER	4.5 V / 500 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Diode	
PEAK INVERSE VOLTAGE	1500 V
NOMINAL OUTPUT CURRENT	10 mA
PEAK FORWARD CURRENT	50 mA
<i>Published ratings and characteristics promoted from the supplied Western Electric source.</i>	

Heater-cathode special-purpose diode with 1500 V peak inverse rating.

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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	4.5 V	—
HeaterOrFilamentCurrent	500 mA	—