



ELECTRONIC TUBE REFERENCE

E91AA

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

DIODE-DIODE

Long-life ruggedized double diode with separate cathodes, suitable for high-frequency detector and related service to roughly 700 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Diode	
MAXIMUM CATHODE CURRENT	10 mA
PEAK INVERSE VOLTAGE	360 V
PEAK FORWARD CURRENT	60 mA
MAXIMUM HEATER-CATHODE VOLTAGE	360 V
Representative row for repeated identical sections.	

SECTION2 Diode	
No fixed ratings recorded.	
Physical diode section added during approved section-structure reconciliation.	

Long-life ruggedized double diode with separate cathodes.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1955 Lorenz

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

1955 LORENZ

Section 1 · Diode

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Long-life construction	TRUE	—
Ruggedized construction	TRUE	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Siemens

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

1963 SIEMENS

Section 1 · Diode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Forward current at 10 V	60 mA	Nominal
Resonance frequency	700 MHz	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak diode current	60 mA	—

TUBE TINKER

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

