

ELECTRONIC TUBE REFERENCE

EAA901S

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
DIODE-DIODE

Special-quality RF twin diode equivalent to 5726, designed for reliable high-frequency detector and switching 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
NOMINAL OUTPUT CURRENT	18 mA
PEAK FORWARD CURRENT	60 mA
MAXIMUM HEATER-CATHODE VOLTAGE	360 V
Representative row for repeated identical sections. Explicit equivalent designation published on E91AA datasheet; record duplicated under alias.	

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

Special-quality RF twin diode for reliable high-frequency detector and switching service; equivalent to 5726.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 AEG

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

1953 AEG

Section 1 · Diode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
FullWaveACInputPerAnode	185 V	—
FullWaveOutputCurrent	18 mA	—

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DiodeCapacitance	3.2 pF	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1959 Telefunken

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

1959 TELEFUNKEN

Section 1 · Diode

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	300 mA	—



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

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