



ELECTRONIC TUBE REFERENCE

DDR100

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

DIODE-DIODE

Special double diode with elastically supported anodes whose impedance changes with acceleration, designed as an electrical accelerometer transducer for bridge measurement.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Diode	
NOMINAL OUTPUT CURRENT	60 mA
Representative of two mechanically responsive diode sections.	

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

The Mullard DDR100 is a special double diode whose elastically supported anodes vary impedance with acceleration, allowing bridge-circuit acceleration measurement.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Mullard

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

1963 MULLARD

Section 1 · Diode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Warmup Time	15 min	—
Resonant Frequency	1 kHz	Approximate
Sensitivity	7.5 mV/g	BridgeCircuit
Flat Response Frequency Minimum	0 Hz	—
Flat Response Frequency Maximum	250 Hz	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Bridge Supply Voltage	10 V	—
Maximum Diode Current	60 mA	—
Maximum Acceleration	100 g	—

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