



ELECTRONIC TUBE REFERENCE

BD21

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
DIODE

Rare-gas-filled cold-cathode switching diode for several-ampere pulses, capacitor-discharge high-voltage generators, and ignition applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Diode	
MAXIMUM CATHODE CURRENT	10 A
<i>Cold-cathode switching/relay/display section; device-specific glow-discharge values preserved in parameter table.</i>	

Rare-gas-filled cold-cathode switching diode for pulsed switching of several amperes, including capacitor-discharge high-voltage pulse and ignition applications.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 Cerberus

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

1962 CERBERUS

Section 1 · Diode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
BreakdownVoltage	200 V	—
ArcVoltage	15 V	At 50 mA

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Anode Current	10 A	—
DischargeEnergy	5 J	Per discharge
DischargeFrequency	2 Hz	—