



ELECTRONIC TUBE REFERENCE

G11

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

DIODE

Cold-cathode glow-discharge switching diode family for relaxation oscillators and switching circuits, using a pronounced difference between breakdown and maintaining voltage.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION 1 Diode	
MAXIMUM CATHODE CURRENT	4 mA
<i>Cold-cathode switching/relay/display section; device-specific glow-discharge values preserved in parameter table.</i>	

Cold-cathode coated switching diode family for relaxation oscillators and switching, with nominal breakdown-voltage variants including 130, 155 and 220 V.

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
BreakdownVoltage130Variant	125–140 V	G11/130
BreakdownVoltage155Variant	145–165 V	G11/155
BreakdownVoltage220Variant	210–230 V	G11/220
MaintainingVoltage155Variant	50–63 V	G11/155 at 10 mA

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Current	1–5 mA	—

TUBE TINKER

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