

ELECTRONIC TUBE REFERENCE

GK33

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Ferranti miniature gas-filled cold-cathode triode for relay and pulse-control switching.

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

SECTION1 Triode	
MAXIMUM PLATE VOLTAGE	140 V
Cold-cathode relay triode discharge section.	

The Ferranti GK33 is a miniature gas-filled cold-cathode triode designed for relay and pulse-control applications.

SOURCE OPERATING CONDITIONS

1963 Ferranti

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

1963 FERRANTI

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Anode Voltage	140 V	—
Maximum Peak Anode Current	20 mA	—
Maximum Grid/Trigger Current	0.5 mA	—
Typical Anode Voltage	135 V	—
Typical Static Bias	80 V	Positive
Typical Trigger Pulse Amplitude	20 V	Approximate/Maximum as source

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Trigger Voltage	85-98 V	—
Anode-Cathode Voltage Drop	80 V	Approximate
Minimum Transfer Current	10uA minimum text	—
Average Recovery Time	0.001 s	—

TUBE TINKER

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